

GTX300041

Internal Controls Antibody Panel– Actin, GAPDH, Tubulin

References (7)

Product Content

Cat No	Product Name	Reactivity	Applications	Package
GTX637675	beta Actin antibody [HL1926]	Human, Mouse, Rat, Zebrafish, Rabbit, Drosophila, Cat, Dog, African green monkey	WB, ICC/IF, IHC-P	10 µl
GTX637966	GAPDH antibody [HL2062]	Human, Mouse, Rat, Zebrafish, Rabbit, Cat, Dog, Hamster, Japanese Medaka, African green monkey, E. coli	WB, ICC/IF	10 µl
GTX638140	alpha Tubulin antibody [HL2162]	Human, Mouse, Rat, Zebrafish, Rabbit, Cat, Dog, Hamster, African green monkey, E. coli	WB, ICC/IF, IHC-P	10 µl

Note

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beta Actin antibody [HL1926]

Cat. No. GTX637675

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Zebrafish, Rabbit, Drosophila, Cat, Dog, African green monkey

References (13)

★★★★★ Review (5)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:50000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 45 kDa.

Properties

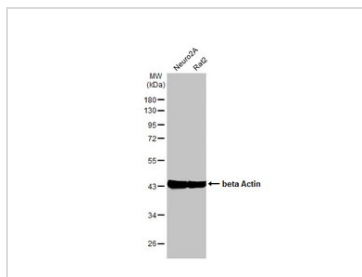
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of human beta Actin
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

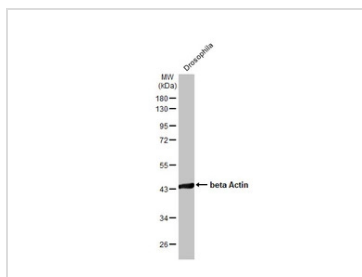
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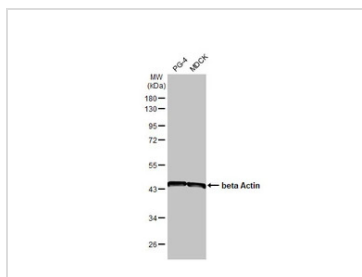
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DATA IMAGES

GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX637675 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

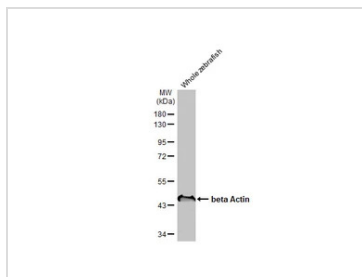

GTX637675 IHC-P Image

beta Actin antibody [HL1926] detects beta Actin protein at cell membrane by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

beta Actin stained by beta Actin antibody [HL1926] (GTX637675) diluted at 1:100.

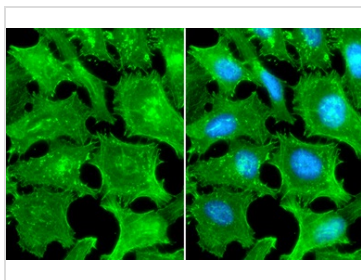
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX637675 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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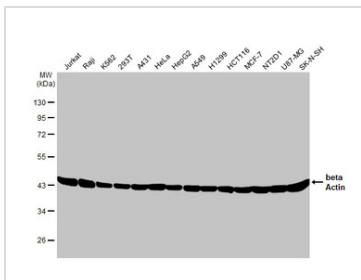
GTX637675 ICC/IF Image

beta Actin antibody [HL1926] detects beta Actin protein by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 10 min.

Green: beta Actin stained by beta Actin antibody [HL1926] (GTX637675) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

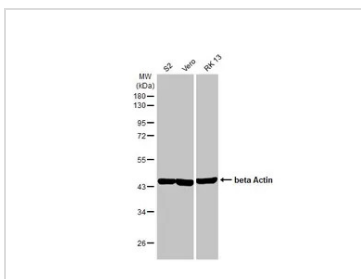


GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with

beta Actin antibody [HL1926] (GTX637675) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG

antibody (GTX213110-01) was used to detect the primary antibody.

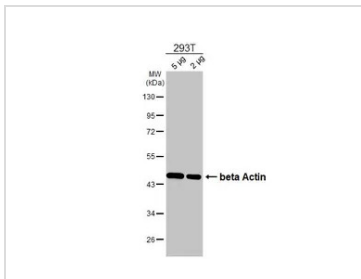


GTX637675 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with

beta Actin antibody [HL1926] (GTX637675) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG

antibody (GTX213110-01) was used to detect the primary antibody.



GTX637675 WB Image

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with beta

Actin antibody [HL1926] (GTX637675) diluted at 1:100000. The HRP-conjugated anti-rabbit IgG antibody

(GTX213110-01) was used to detect the primary antibody.



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GAPDH antibody [HL2062]

Cat. No. GTX637966

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat, Zebrafish, Rabbit, Cat, Dog, Hamster, Japanese Medaka, African green monkey, E. coli

References (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:50000
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW (kDa) 36 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of human GAPDH
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

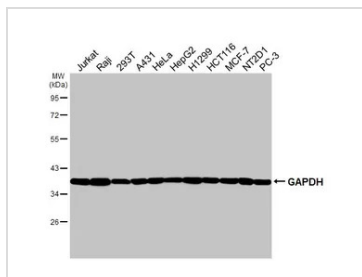
Note

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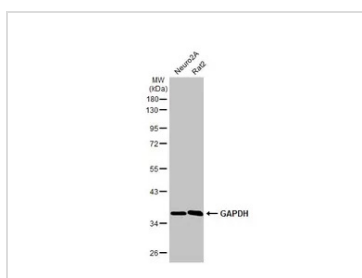
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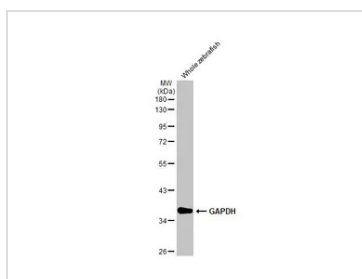
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DATA IMAGES

GTx637966 WB Image

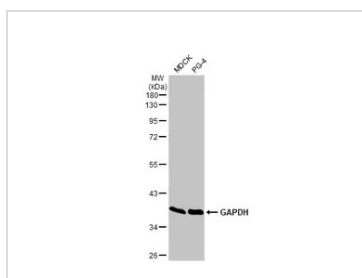
Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTx637966) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx637966 WB Image

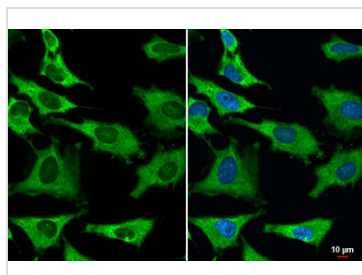
Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTx637966) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx637966 WB Image

Whole zebrafish extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTx637966) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx637966 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTx637966) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx637966 ICC/IF Image

GAPDH antibody [HL2062] detects GAPDH protein at cytoplasm by immunofluorescent analysis.

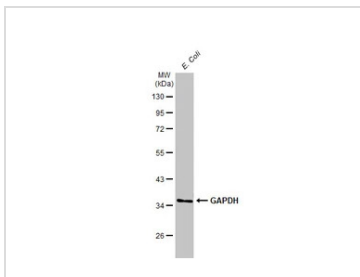
Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: GAPDH stained by GAPDH antibody [HL2062] (GTx637966) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).

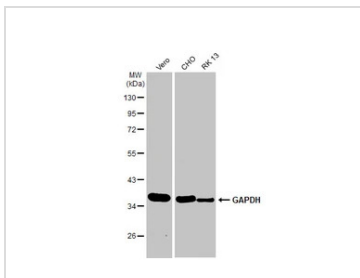


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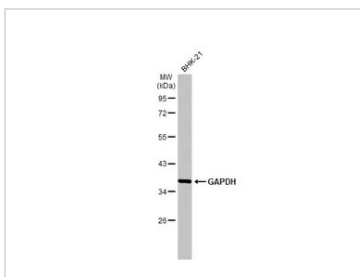
GTX637966 WB Image

E. coli (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTX637966) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



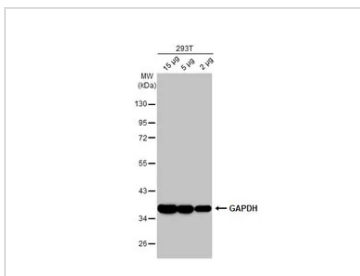
GTX637966 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTX637966) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



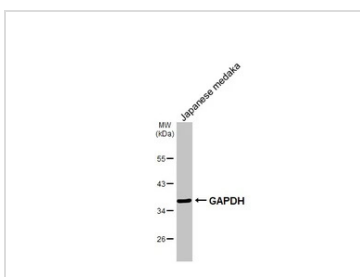
GTX637966 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTX637966) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637966 WB Image

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTX637966) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637966 WB Image

Whole Japanese medaka extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAPDH antibody [HL2062] (GTX637966) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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alpha Tubulin antibody [HL2162]

Cat. No. GTX638140

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Zebrafish, Rabbit, Cat, Dog, Hamster, African green monkey, E. coli

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 55 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of human alpha Tubulin.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

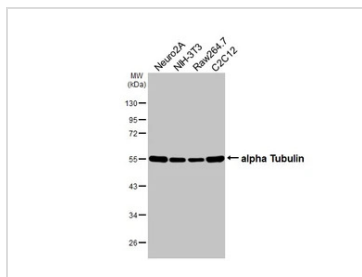
Note

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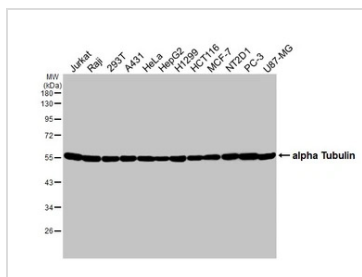
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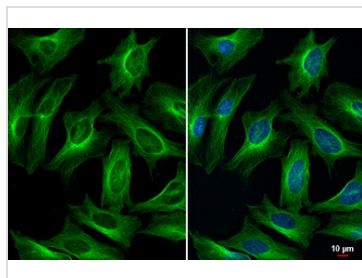
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DATA IMAGES

GTx638140 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTx638140) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx638140 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTx638140) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

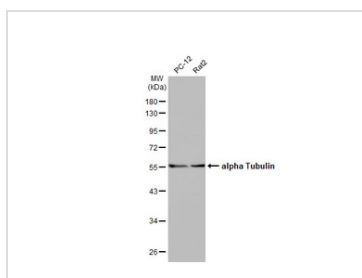

GTx638140 ICC/IF Image

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein at cytoskeleton by immunofluorescent analysis.

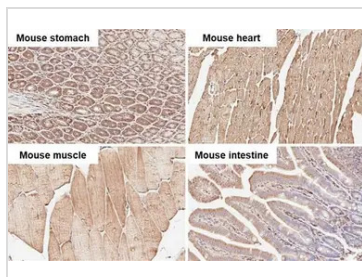
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTx638140) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).


GTx638140 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTx638140) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


GTx638140 IHC-P Image

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.

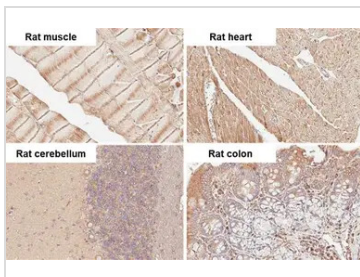
Sample: Paraffin-embedded mouse tissues.

alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTx638140) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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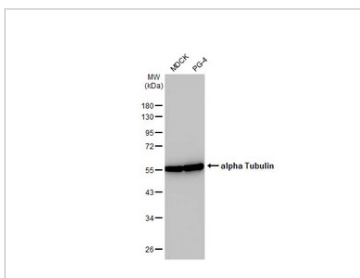
GTX638140 IHC-P Image

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

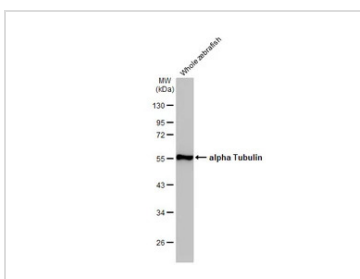
alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



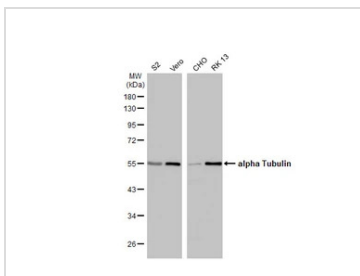
GTX638140 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



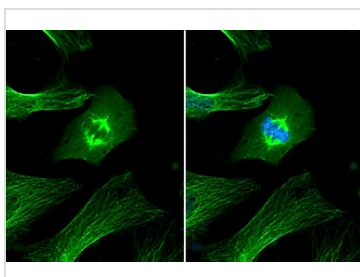
GTX638140 WB Image

Whole zebrafish extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX638140 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX638140 ICC/IF Image

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein at cytoskeleton by immunofluorescent analysis.

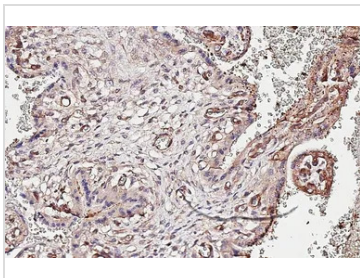
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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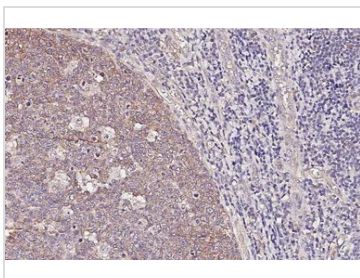
GTX638140 IHC-P Image

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.

Sample: Paraffin-embedded human placenta.

alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:2500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



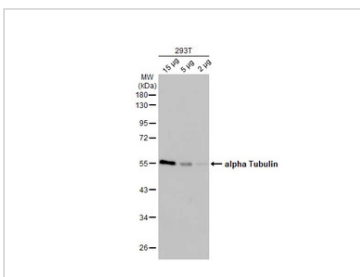
GTX638140 IHC-P Image

alpha Tubulin antibody [HL2162] detects alpha Tubulin protein by immunohistochemical analysis.

Sample: Paraffin-embedded human tonsil.

alpha Tubulin stained by alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:2500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX638140 WB Image

Various whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody [HL2162] (GTX638140) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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