

alpha Tubulin antibody

Cat. No. GTX102079

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Wm
Reactivity	Human, Zebrafish, Drosophila

References (5)

★★★★☆ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Wm	Assay dependent

Not tested in other applications.

Calculated MW 50 kDa. ([Note](#))

Properties

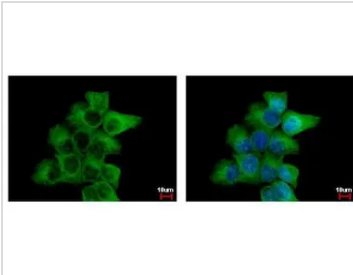
Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.63 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human alpha Tubulin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

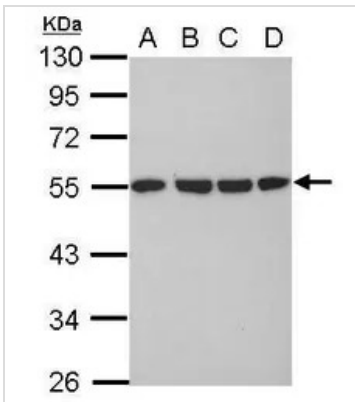
DATA IMAGES

GTX102079 ICC/IF Image

alpha Tubulin antibody detects TUBA1B protein at cytoskeleton by immunofluorescent analysis.

Sample: A431 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: TUBA1B protein stained by alpha Tubulin antibody (GTX102079) diluted at 1:500.

Blue: Hoechst 33342 staining.


GTX102079 WB Image

Sample (30 ug of whole cell lysate)

A: 293T

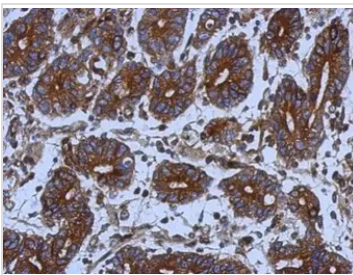
B: A431

C: HeLa

D: HepG2

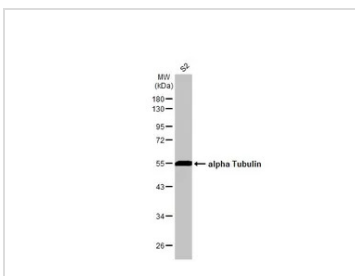
10% SDS PAGE

GTX102079 diluted at 1:10000


GTX102079 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using alpha Tubulin(GTX102079) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


GTX102079 WB Image

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with alpha Tubulin antibody (GTX102079) 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.

Drosophila alphaTub85E is the homolog of mammalian alpha Tubulin. (Gene ID: 41183/ UniProt: P06604)



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