

Vimentin antibody [GT7812]

Cat. No. GTX629743

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, IHC-Fr, ELISA, Sandwich ELISA
Reactivity	Human, Mouse, Rat, Cat, Dog

References (5)

★★★★☆ Review (2)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX629743, Detection : GTX100619 / GTX112661

Not tested in other applications.

Calculated MW 54 kDa. ([Note](#))

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	0.64 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Vimentin. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

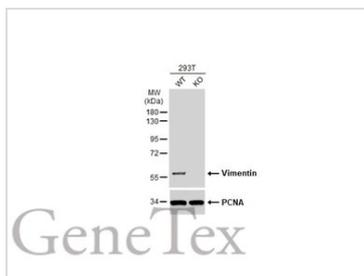
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Note

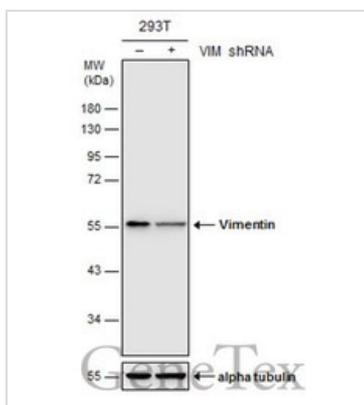
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DATA IMAGES



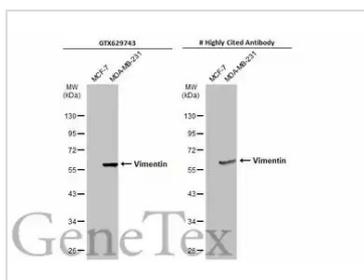
GTX629743 WB Image

Wild-type (WT) and Vimentin knockout (KO) 293T cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Vimentin antibody [GT7812] (GTX629743) diluted at 1:20000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX629743 WB Image

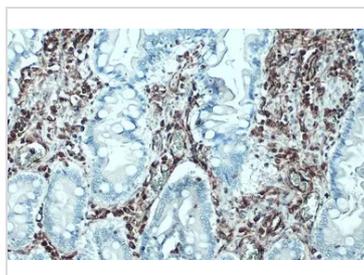
Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Vimentin antibody [GT7812] (GTX629743) diluted at 1:2000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX629743 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with Vimentin antibody [GT7812] (GTX629743) diluted at 1:5000 and competitor's antibody diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.



GTX629743 IHC-P Image

Vimentin antibody [GT7812] detects Vimentin protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded dog intestine.

Vimentin stained by Vimentin antibody [GT7812] (GTX629743) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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