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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Vimentin antibody

Cat No. GTX100619

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, IP
Reactivity	Human, Mouse, Rat

Reference (52)

★★★★★ Review (3)

Package

25 µl, 100 µl

APPLICATION

Application Note

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

Suggested dilution	Dilution
WB	1:5000-1:50000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IP	1:100-1:500

Not tested in other applications.

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

Observed MW 56 kDa. The observed M.W. is based on the following publication. PMID: 23185433 and 24926698

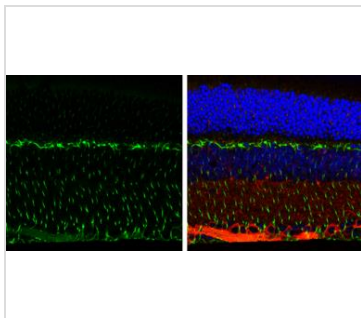
PROPERTIES

Form	Liquid
Buffer	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
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	0.5 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	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

GTX100619 IHC-P Image

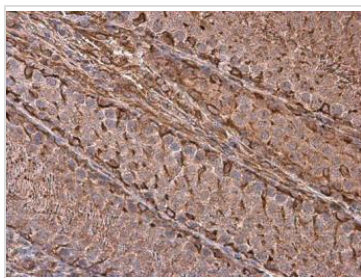
Vimentin antibody detects Vimentin protein expression by immunohistochemical analysis.

Sample: Paraffin-Embedded adult mouse retina.

Green: Vimentin protein stained by Vimentin antibody (GTX100619) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

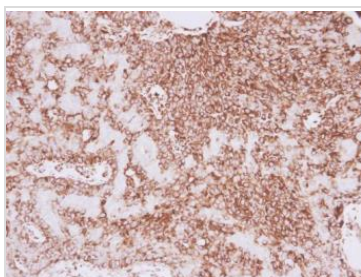

GTX100619 IHC-P Image

Vimentin antibody detects Vimentin protein at cell membrane and cytoplasm in rat testis by immunohistochemical analysis.

Sample: Paraffin-embedded rat testis.

Vimentin antibody (GTX100619) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

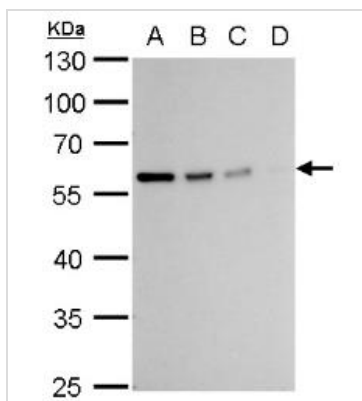

GTX100619 IHC-P Image

Vimentin antibody detects Vimentin protein at cytoplasm in human lung adenocarcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human lung adenocarcinoma.

Vimentin antibody (GTX100619) diluted at 1:500.

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


GTX100619 WB Image

Vimentin antibody detects Vimentin protein by western blot analysis.

A. 20 µg 293T whole cell lysate/extract

B. 10 µg 293T whole cell lysate/extract

C. 5 µg 293T whole cell lysate/extract

D. 1 µg 293T whole cell lysate/extract

10% SDS-PAGE

Vimentin antibody (GTX100619) dilution: 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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