

Anti-Vimentin Antibody (8J850)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8J850
Purification:	Affinity-chromatography

Applications

Verified Activity:

1. IHC image of TMAH-01246 diluted at 1:40 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Rabbit IgG labeled by HRP and visualized using 0.05% DAB.

2. IHC image of TMAH-01246 diluted at 1:40 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Rabbit IgG labeled by HRP and visualized using 0.05% DAB.

3. Immunofluorescence staining of NIH/3T3 cell with TMAH-01246 at 1:40, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Application:	ELISA,IF,IHC
Recommended	IHC:1:20-1:200; IF:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human VIM Protein
Antigen Species:	Human
Gene ID:	7431
Uniprot ID:	P08670
Synonyms:	CTRCT30;HEL113;vimentin
Biology Area:	Neuroscience, Cancer, Developmental biology, Signal transduction, Stem cells

Research Background

Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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