

Product Datasheet

Vimentin Antibody (CL0157) - BSA Free NBP2-52867

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-52867

Vimentin Antibody (CL0157) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0157
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	53.6 kDa

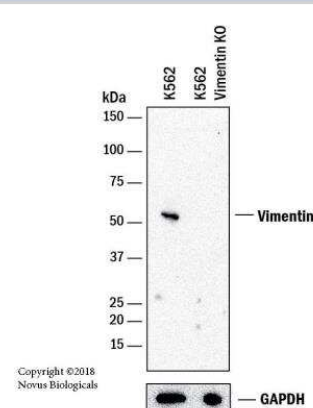
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse Vimentin Antibody (CL0157) - BSA Free (NBP2-52867) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7431
Gene Symbol	VIM
Species	Human
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P08670, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Knockout Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

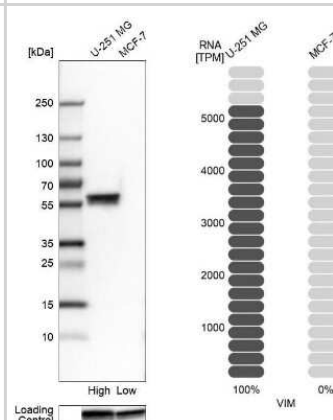


Images

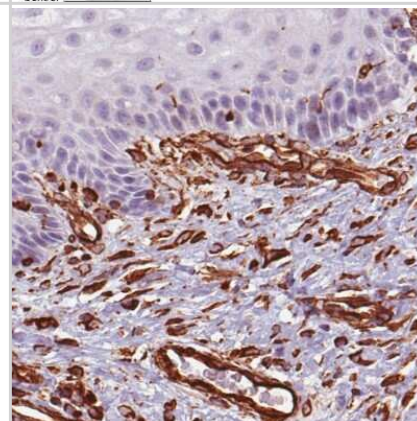
Western Blot: Vimentin Antibody (CL0157) [NBP2-52867] - Western blot shows lysates of K562 human Chronic Myelogenous Leukemia parental cell line and Vimentin knockout (KO) K562 cell line. PVDF membrane was probed with 0.7 ug/mL of Mouse Anti-Human Vimentin Monoclonal Antibody (Catalog # NBP2-52867) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog #HAF018). Specific band was detected for Vimentin at approximately 55 kDa (as indicated) in the parental K562 cell line, but is not detectable in the knockout K562 cell line. This experiment was conducted under reducing conditions.



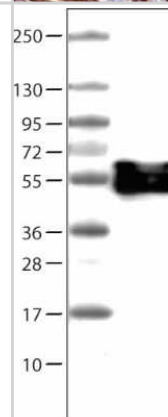
Western Blot: Vimentin Antibody (CL0157) [NBP2-52867] - Analysis in human cell lines U-251MG and MCF-7 using Anti-VIM antibody. Corresponding VIM RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



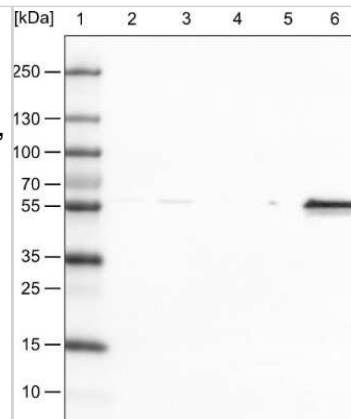
Immunohistochemistry-Paraffin: Vimentin Antibody (CL0157) [NBP2-52867] - Staining of human skin shows distinct positivity in fibroblasts.



Western Blot: Vimentin Antibody (CL0157) [NBP2-52867] - Lane 1: Marker [kDa] Lane 2: Human tonsil tissue lysate



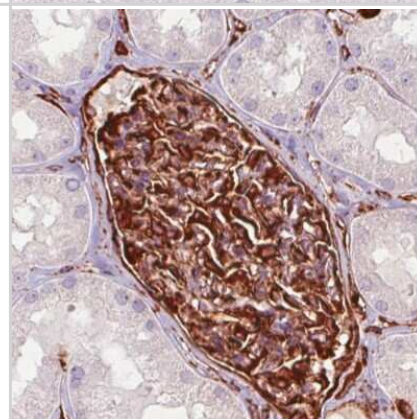
Western Blot: Vimentin Antibody (CL0157) [NBP2-52867] - Lane 1: Marker [kDa], Lane 2: Human cell line HeLa cytoplasmic fraction , Lane 3: Human cell line HeLa membrane fraction , Lane 4: Human cell line HeLa nuclear fraction , Lane 5: Human cell line HeLa chromatin fraction , Lane 6: Human cell line HeLa cytos



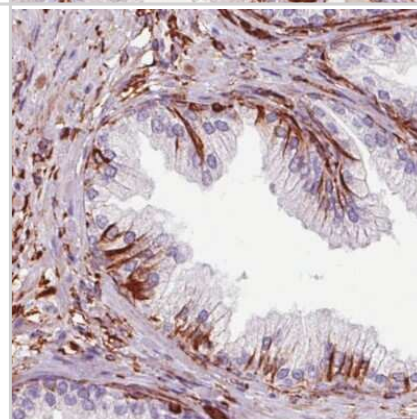
Immunohistochemistry-Paraffin: Vimentin Antibody (CL0157) [NBP2-52867] - Staining of human cerebellum shows immunoreactivity in the endothelial cells.



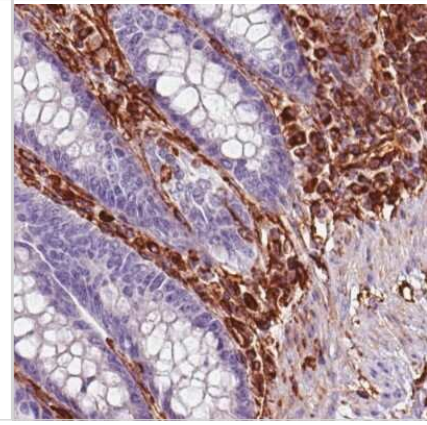
Immunohistochemistry-Paraffin: Vimentin Antibody (CL0157) [NBP2-52867] - Staining of human kidney shows strong immunoreactivity in renal glomeruli but not tubuli cells.



Immunohistochemistry-Paraffin: Vimentin Antibody (CL0157) [NBP2-52867] - Staining of human prostate shows strong immunoreactivity in the connective tissue.



Immunohistochemistry-Paraffin: Vimentin Antibody (CL0157) [NBP2-52867] - Staining of human rectum shows strong positivity in mesenchymal and lymphoid cells.





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Products Related to NBP2-52867

NBP2-52867PEP	Vimentin Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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