

Product Datasheet

Vimentin Antibody (LN-6) - Azide and BSA Free NBP2-47949-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-47949-0.1mg

Vimentin Antibody (LN-6) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	LN-6
Preservative	No Preservative
Isotype	IgM Kappa
Purity	Protein L or PEG purified
Buffer	10 mM PBS
Target Molecular Weight	53.6 kDa

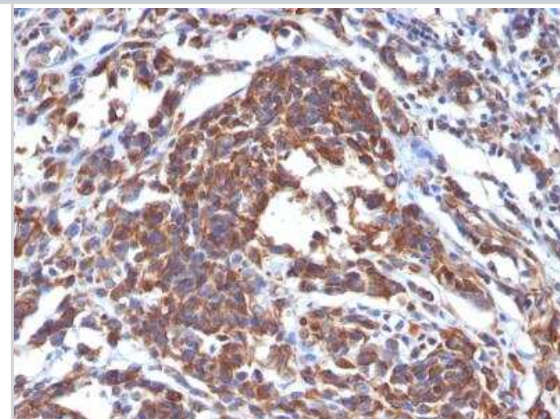
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44832). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7431
Gene Symbol	VIM
Species	Human, Mouse, Rat, Porcine, Bovine, Feline, Rabbit, Sheep
Reactivity Notes	Use in Rat reported in scientific literature (PMID:34276989)
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	This monoclonal antibody reacts with a 58kDa protein identified as vimentin. It reacts with a non-hematopoietic epitope of vimentin and shows no cross-reaction with other closely related intermediate filament proteins (IFPs) such as desmin, keratin, neurofilament, and glial fibrillary acid protein. Vimentin is ubiquitously expressed in mesenchymal cells such as fibroblasts, smooth muscle cells, and endothelium. Antibody against vimentin is useful as part of an antibody panel for differential diagnosis of tumors of unknown origin. Ab-2 does not react with leukocyte common antigen-positive tissues such as lymphomas and leukemias.
Immunogen	Human thymic nuclear extract (Uniprot: P08670)

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5 - 1.0 ug/million cells in 0.1 ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1 - 2 ug/ml, CyTOF-ready
Application Notes	Use in Flow Cytometry reported in scientific literature (PMID:34276989).



Images

Immunohistochemistry-Paraffin: Vimentin Antibody (LN-6) - Azide and BSA Free [NBP2-47949] - Human Melanoma stained with Vimentin Monoclonal Antibody (LN-6).



Publications

Piera L, Szymanski J, Juszczak M et al. Histamine is involved in the regulation of collagen content in cultured heart myofibroblasts via H(2), H(3) and H(4) histamine receptors Biomed Rep 2021-08-01 [PMID: 34276989] (FLOW)

Details:

Citation using the Azide and BSA Free format of this antibody.



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Products Related to NBP2-47949-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96975-0.5mg	Mouse IgM Kappa Light Chain Isotype Control (MMK)
NBP2-35139-100ug	Recombinant Human Vimentin Protein

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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