Product Datasheet

Vimentin Antibody (VM452) [Janelia Fluor® 669]
NBP2-33060JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 11/11/2025 v.20.1

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Vimentin Antibody (VM452) [Janelia Fluor® 669]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	VM452
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 669
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	7431
Gene Symbol	VIM
Species	Human, Porcine, Bovine, Canine, Chicken, Feline, Goat, Mouse (Negative), Rat (Negative)
Reactivity Notes	Does not react with Mouse or Rat.
Marker	Mesenchymal Cell Marker
Specificity/Sensitivity	This monoclonal antibody reacts with a 58kDa protein identified as Vimentin. It shows no cross-reaction with other closely related intermediate filament proteins (IFP however, when used in panels with other antibodies, it is useful for the sub-classification of a given tumor. Expression of Vimentin, when used in conjunction with anti-keratin, is helpful when distinguishing melanomas from undifferentiated carcinomas and large cell lymphomas. All melanomas and Schwannomas react strongly with anti-Vimentin. It labels a variety of mesenchymal cells, including melanocytes, lymphocytes, endothelial cells, and fibroblasts. Non-reactivity of anti-Vimentin is often considered more useful than its positive reactivity, since there are a few tumors that do not contain Vimentin, e.g. hepatoma and seminoma. Anti-Vimentin is also useful as a tissue process control reagent.
Immunogen	Recombinant full-length human vimentin protein (Uniprot: P08670)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Protein Array, Knockout Validated
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, Protein Array, Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.

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Products Related to NBP2-33060JF669

NBP1-43319JF669	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [Janelia Fluor 669]
NBP2-35139-100ug	Recombinant Human Vimentin Protein
2105-VI-100	Vimentin [Unconjugated]
AF748	E-Cadherin Antibody [Unconjugated]

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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