

Product Datasheet

Vimentin Antibody NBP2-33060-0.2mg

Unit Size: 0.2 mg

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

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Updated 11/13/2014 v.20.1

NBP2-33060-0.2mg

Vimentin Antibody (VM452) [Azide Free]

Product Information	
Unit Size	0.2 mg
Concentration	Please see the 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	VM452
Preservative	No Preservative
Isotype	IgG1
Conjugate	Azide Free
Purity	Protein G purified
Buffer	10mM PBS. Does not contain BSA.

Product Description	
Host	Mouse
Gene ID	7431
Gene Symbol	VIM
Species	Human, Bovine, Canine, Chicken, Feline, Goat, Porcine, Mouse (Negative), Rat (Negative)
Marker	Mesenchymal Cells Marker
Specificity/Sensitivity	<p>This MAb reacts with a 58kDa protein identified as vimentin. It shows no cross-reaction with other closely related intermediate filament proteins (IFP's) such as desmin, keratin, neurofilament, and glial fibrillary acid protein. Anti-vimentin alone is of limited value as a diagnostic tool; however, when used in panels with other antibodies, it is useful for the sub-classification of a given tumor.</p> <p>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.</p>
Immunogen	A recombinant protein fragment specific to Vimentin was used as the immunogen for the VM452 antibody.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1-5ug/ml for coating





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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.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

