

Product Datasheet

Vimentin Antibody (VIM/1937R) NBP3-07191-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07191-100ug

Vimentin Antibody (VIM/1937R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	VIM/1937R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	53.6 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08936) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	7431
Gene Symbol	VIM
Species	Human, Rat, Porcine, Bovine, Canine, Chicken, Equine, Feline, Mouse (Negative)
Reactivity Notes	Does not react with Mouse.
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)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml

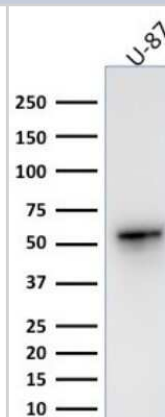


Application Notes

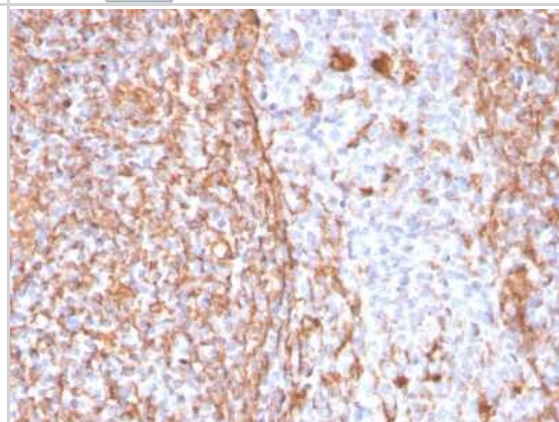
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

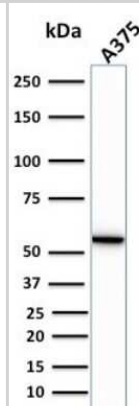
Western Blot: Vimentin Antibody (VIM/1937R) [NBP3-07191] - Western Blot Analysis of human U-87 cell lysate using Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).



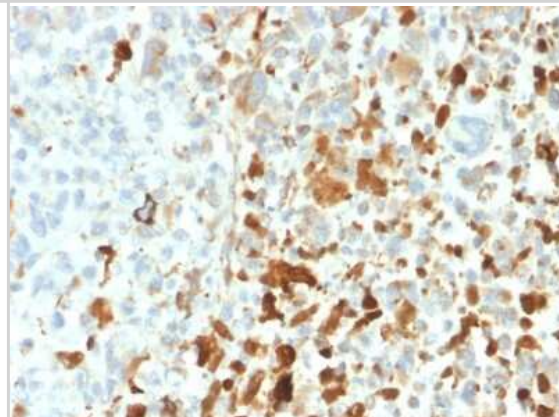
Immunohistochemistry-Paraffin: Vimentin Antibody (VIM/1937R) [NBP3-07191] - Formalin-fixed, paraffin-embedded human tonsil stained with Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).



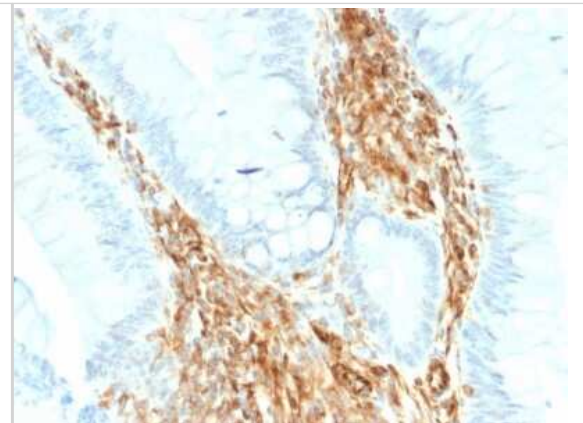
Western Blot: Vimentin Antibody (VIM/1937R) [NBP3-07191] - Western Blot Analysis of human A375 cell lysate using Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).



Immunohistochemistry-Paraffin: Vimentin Antibody (VIM/1937R) [NBP3-07191] - Formalin-fixed, paraffin-embedded human melanoma stained with Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).



Immunohistochemistry-Paraffin: Vimentin Antibody (VIM/1937R) [NBP3-07191] - Formalin-fixed, paraffin-embedded human colon carcinoma stained with Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-07191-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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