

Datasheet for ABIN6940885

Recombinant anti-Vimentin antibody**6** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Vimentin (VIM)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Vimentin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human Vimentin protein
Clone:	VIM-1937R
Isotype:	IgG
Specificity:	<p>This MAb reacts with a 58 kDa 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. 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</p>

Product Details

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.

Purification: Purified by Protein A/G

Target Details

Target: Vimentin (VIM)

Alternative Name: VIM ([VIM Products](#))

Molecular Weight: 57-60kDa

Gene ID: 7431

UniProt: [P08670](#)

Pathways: [Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: Positive Control: U-87, A375, Raji, Jurkat or HeLa cells. Sarcomas or Melanomas.
Known Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

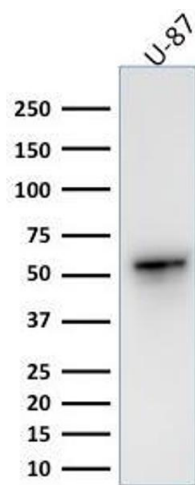
Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

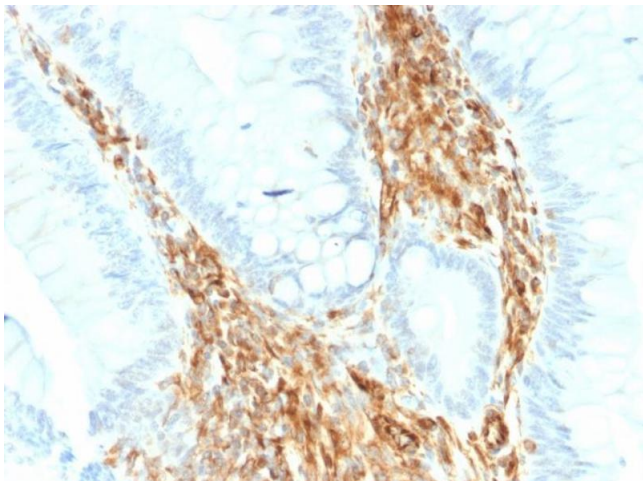
Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



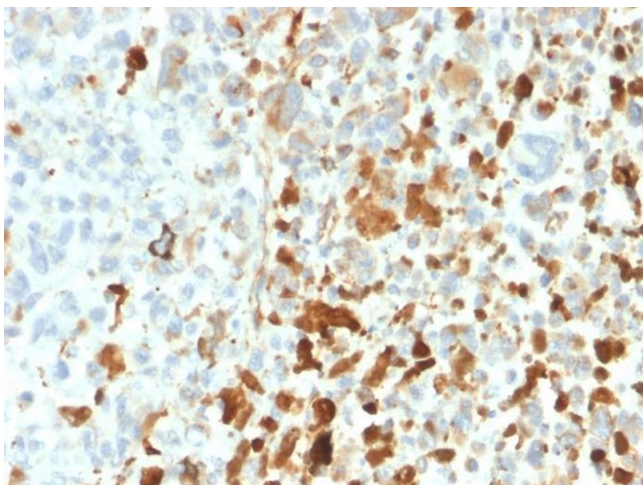
Western Blotting

Image 1. Western Blot Analysis of human U-87 cell lysate using Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Melanoma stained with Vimentin Rabbit Recombinant Monoclonal Antibody (VIM/1937R).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN6940885.