

Anti-Vimentin Antibody



Product Details

Available Variants	100 µL (SKU:2107-VIM) 25 µL (SKU:2107-VIMt)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	2D1
Gene Name	VIM
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 10 mM NaN ₃ .
Production Notes	Protein G purified culture supernatant.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500-1:1000 ICC: 1:500-1:2000
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Recombinant human vimentin purified from E. coli.
Specificity	Specific for endogenous levels of the ~50 kDa vimentin protein.
Molecular Weight	50 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term

at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

Antibody Registry ID AB_2492284

UniProt ID [P08670](#)

Shipping Blue Ice

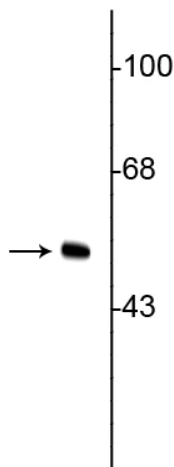
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

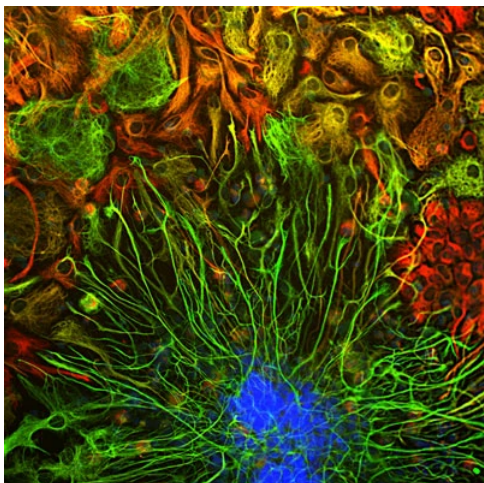
Expected Reactivity Bovine, Canine, Chicken, Drosophila, Feline, Finch, Fish, Goat, Guinea Pig, Hamster, Horse, Lizard, Non-Human Primate, Rabbit, Sheep, Vole, Xenopus, Zebrafish

NCBI Gene ID 7431

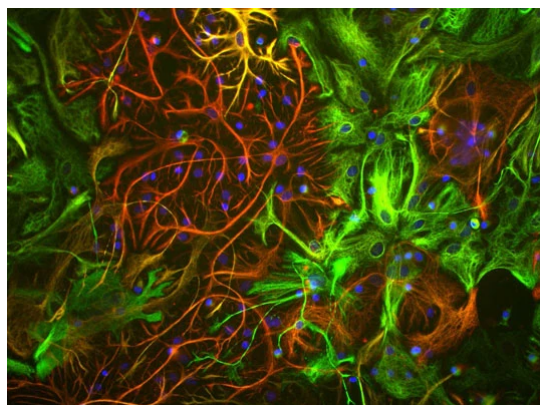
Product Images



Western blot of HeLa cell lysate showing specific immunolabeling of the ~50 kDa vimentin protein.



Immunostaining of E20 rat cortical neuron/glia cell culture stained with anti-vimentin (Cat. 2107-VIM, red, 1:2000) and anti-GFAP antibody (Cat. 621-GFAP, green, 1:5000). The blue is DAPI staining nuclear DNA. Vimentin is expressed alone in fibroblastic and developing cells and appear red. The astrocytes that appear red express only GFAP, while the golden yellow and yellow astrocytes express GFAP and Vimentin.



Mixed neuron/glia cultures stained with anti-vimentin (green, 1:500) and rabbit anti-GFAP antibody (Cat. 620-GFAP, red, 1:1000). The blue stains nuclear DNA. Vimentin is expressed alone in fibroblastic and endothelial cells, which are the flattened cells in the middle of the image which appear green. Astrocytes may express primarily GFAP, or GFAP and vimentin, and so appear red (GFAP only) or golden yellow (GFAP and Vimentin).

Product Page URL: www.antibodiesinc.com/products/anti-vimentin-antibody-2107-vim



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