

Anti-Vimentin Antibody

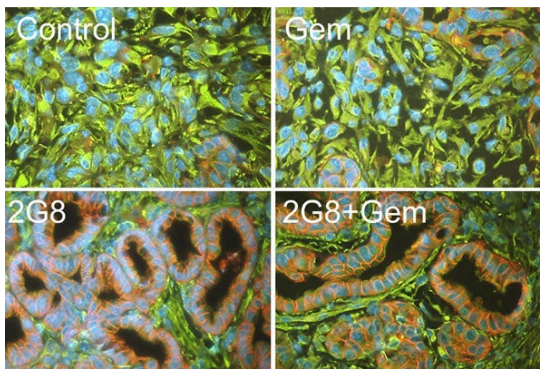


Product Details

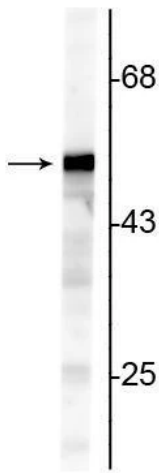
Available Variants	100 µL (SKU:2105-VIM) 25 µL (SKU:2105-VIMt)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	VIM
Host Species	Chicken
Format	Total IgY fraction
Physical State	Liquid
Buffer	PBS + 10 mM NaN ₃ .
Production Notes	Total IgY fraction.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500-1:5000 ICC: 1:500-1:10,000
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Recombinant human vimentin purified from E. coli.
Specificity	Specific for 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_2492283
UniProt ID	<u>P08670</u>
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, Feline, Goat, Guinea Pig, Hamster, Horse, Non-Human Primate, Rabbit, Sheep, Vole
NCBI Gene ID	7431

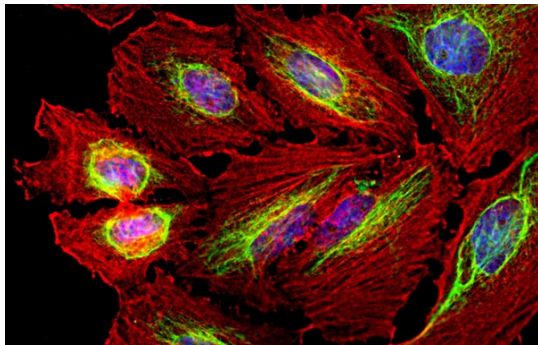
Product Images



Immunostaining of tumors and precursor PanIN lesions from 4 week old LSL-KrasG12D; Cdkn2alox/lox; p48Cre (KIC) mice that were treated with 2G8 and/or gemcitabine, Gem. (Anti-Vimentin, cat. 2105-VIM, green; Anti-E-cadherin, red). Photo courtesy of Rolf Brekken, University of Texas Southwestern. CC-BY-4.0



Western blot of NIH 3T3 cell lysate showing specific immunolabeling of the ~50 kDa Vimentin protein.



Immunostaining of HeLa cells labelled with anti-vimentin antibody (Cat.2105-VIM, 1:10,000, green), anti-actin (red), and DAPI (blue) labelling of nuclear DNA. The vimentin antibody labels the intermediate filament network while the actin antibody labels the submembranous cytoskeleton, stress fibers, and bundles of actin associated with cell adhesion sites.

Product Page URL: www.antibodiesinc.com/products/anti-vimentin-antibody-2105-vim



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