

# Vimentin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein of human VIM.
Form	Liquid
Concentration	0.35 mg/mL
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2807993

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunocytochemistry (ICC/IF)	-	1 Publication

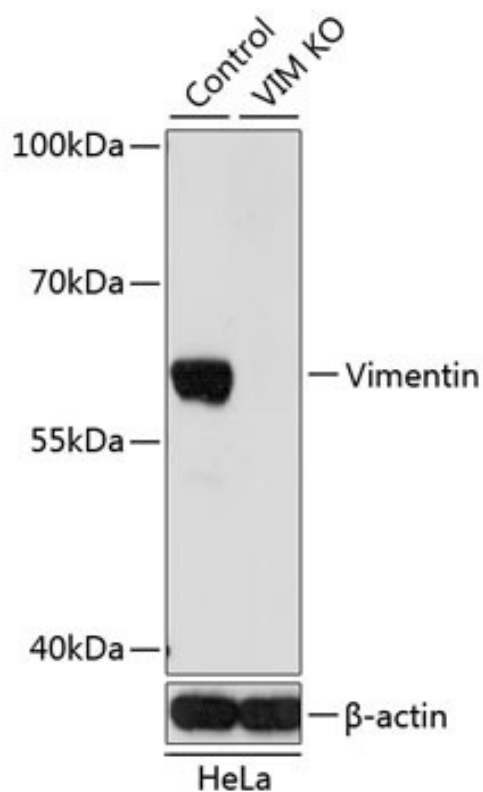
## Product Specific Information

Positive Samples: U-251MG, HeLa, A-549, MCF-7; Cellular Location: Cytoplasm

## Product Images For Vimentin Polyclonal Antibody

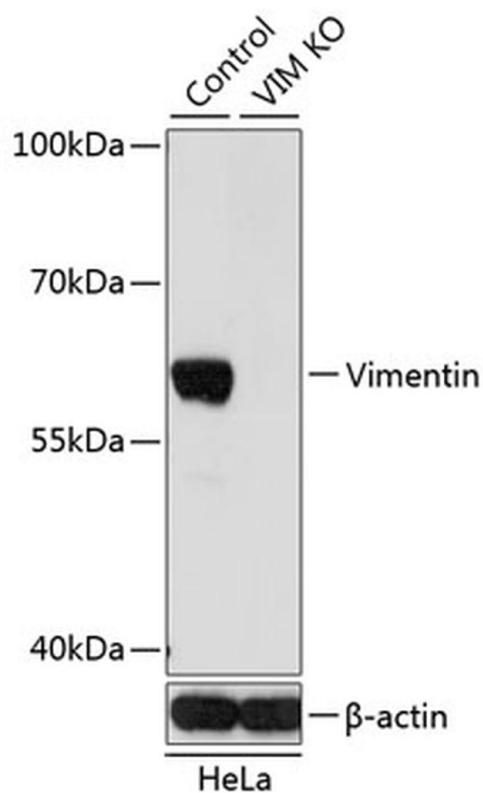
### Vimentin Antibody (PA5-96191)

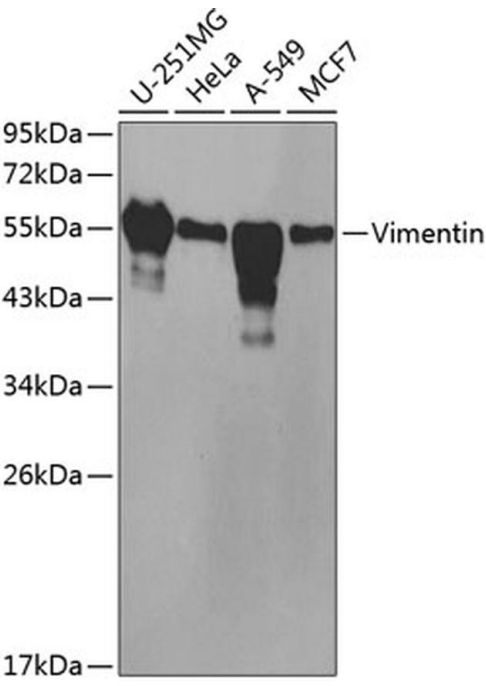
Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. Loss of signal was observed for target protein in Vimentin knockout (KO) HeLa cells cell line using Anti-Vimentin Polyclonal Antibody (Product # PA5-96191). {KO}



### Vimentin Antibody (PA5-96191) in WB

Western Blot analysis of Vimentin in extracts from normal (control) and Vimentin knockout (KO) HeLa cells using Vimentin Polyclonal Antibody (Product # PA5-96191) at a dilution of 1:1000. A HRP Goat Anti-Rabbit IgG (H+L) secondary antibody was used at a dilution of 1:10,000. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST.





**Vimentin Antibody (PA5-96191) in WB**  
Western Blot analysis of Vimentin in extracts of various cell lines using Vimentin Polyclonal Antibody (Product # PA5-96191) at a dilution of 1:1000. A HRP Goat Anti-Rabbit IgG (H+L) secondary antibody was used at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

1 Reference

Immunocytochemistry (1)

Pharmaceutics

Extracellular Vesicles from M1-Polarized Macrophages Combined with Hyaluronic Acid and a -Blocker Potentiate Doxorubicin's Antitumor Activity by Downregulating Tumor-Associated Macrophages in Breast Cancer.

"PA5-96191 was used in Immunocytochemistry to suggest a direct effect in tumors and an upregulation in the TME immunomodulation, which corroborate with our in vitro data that showed increased apoptosis, modulation of macrophage polarization, and reduced cell migration after treatment with M1-EVs combined with HA and CV."

Authors: Jorquera-Cordero C, Lara P, Cruz LJ, Schomann T, van Hofslot A, de Carvalho TG, Guedes PMDM, Creemers L, Koning RI, Chan AB, de Araujo Junior RF

Year  
2022

Species  
Mouse

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.