

Vimentin Rabbit mAb (AR1266)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	54kD (Calculated) 54kD (Observed)

Recommended Dilution Ratios

IHC:	1:1000-5000
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	VIM
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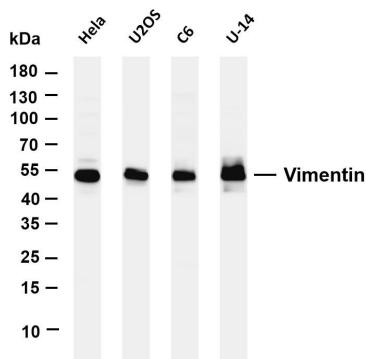
Protein Name	Vimentin
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Organism	Gene ID	UniProt ID
Human	7431	P08670
Mouse	22352	P20152
Rat	81818	P31000

Cellular Localization	Cytoplasm
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Tissue specificity	Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.
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Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Vimentin antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane1: HeLa

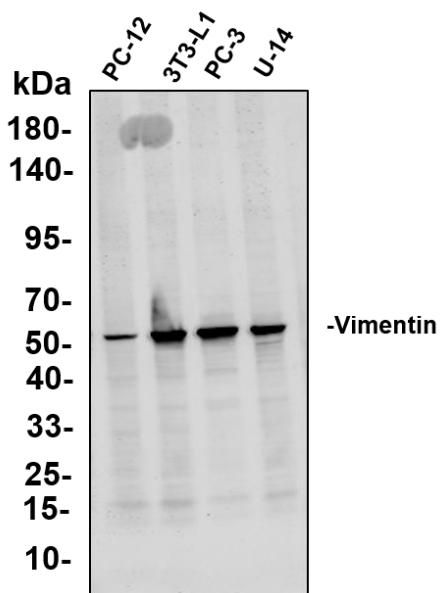
Lane 2: U2OS

Lane 3: C6

Lane 4: U-14

Predicted band size: 54kDa

Observed band size: 54kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4 °C, over night with a 1:5000 dilution . The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody.

Lane1: PC-12 - Rat adrenal pheochromocytoma

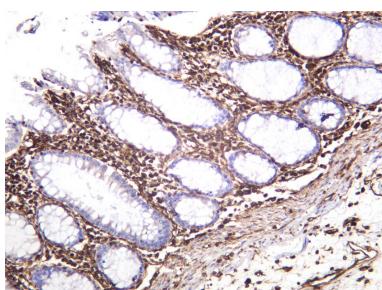
Lane2: 3T3-L1 - Mouse embryonic fibroblast

Lane3: PC-3 - Human prostate adenocarcinoma

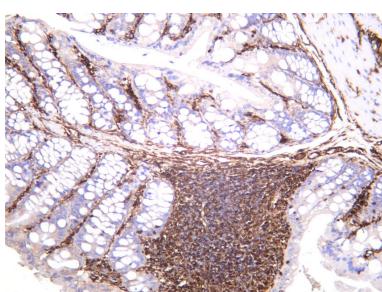
Lane4: U-14 - Mouse cervical carcinoma

Predicted band size: 54kDa

Observed band size: 54kDa

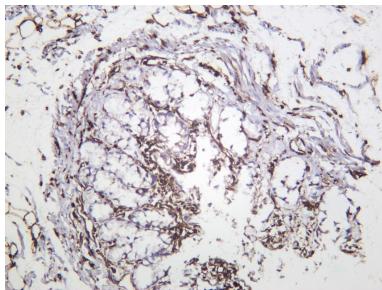


Human colon was stained with anti-Vimentin rabbit antibody

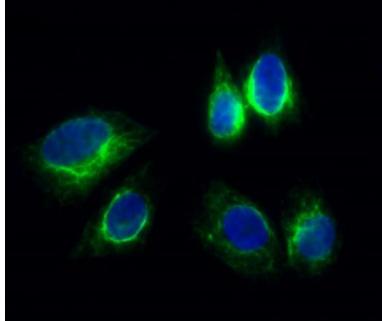


Mouse colon was stained with anti-Vimentin rabbit antibody

Rat colon was stained with anti-Vimentin rabbit antibody



Rat skin was stained with anti-Vimentin Rabbit antibody



Immunofluorescence analysis of HeLa cell.

1. Vimentin Antibody(green) was diluted at 1:200(4° overnight).
2. Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).
3. DAPI (blue) 10min.

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