

## Vimentin Antibody

Catalog No: #AB21488



Package Size: #AB21488-1 50ul #AB21488-2 100ul #AB21488-4 25ul

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## Description

Product Name	Vimentin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IF
Species Reactivity	Human Mouse Rat Monkey
Specificity	The antibody detects endogenous level of total Vimentin protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.452~456(G-Q-V-I-N) derived from Human Vimentin.
Target Name	Vimentin
Other Names	CTRCT30
Accession No.	Swiss-Prot: P08670NCBI Protein: NP_003371.2
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

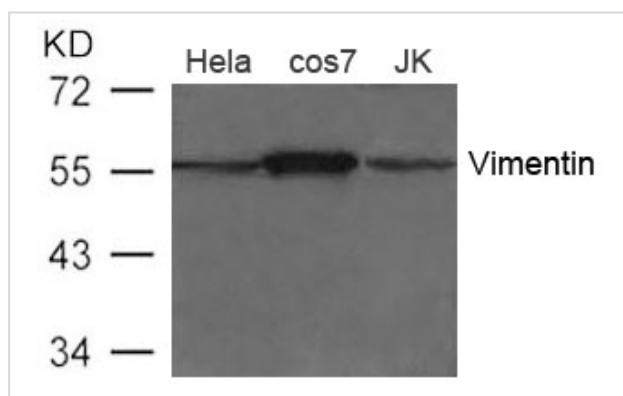
## Application Details

Predicted MW: 57kd

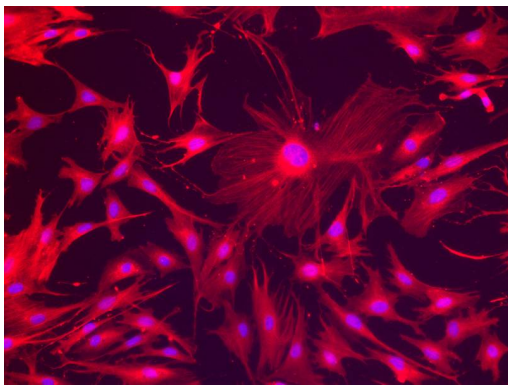
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

## Images



Western blot analysis of extract from HeLa, cos7 and JK cells using Vimentin Antibody #AB21488



Immunofluorescence staining of paraffin-embedded mesenchymal stem cells using Vimentin Antibody #AB21488.

## Background

Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells.

Sommers C.L., Walker-Jones D., Heckford S.E., Worland P., Valverius E., Clark R., McCormick F.,

Cancer Res. 49:4258-4263(1989)

Kang S.-M., Shin M.-J., Kim J.-H., Oh J.-W. Proteomics 5:2227-2237(2005)

Ahmed B.A., Bukhari I.A., Jeffus B.C., Harney J.T., Thyparambil S., Ziu E., Fraer M., Rusch N.J. PLoS ONE 4:E4730-E4730(2009)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.