Vimentin Antibody

Catalog No: #21488

Package Size: #21488-1 50ul #21488-2 100ul #21488-4 25ul

Overview

Product Name	Vimentin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IF
Species Reactivity	Human Mouse Rat Monkey
Immunogen Type	Peptide-KLH
Target Name	Vimentin
Alternative Names	CTRCT30

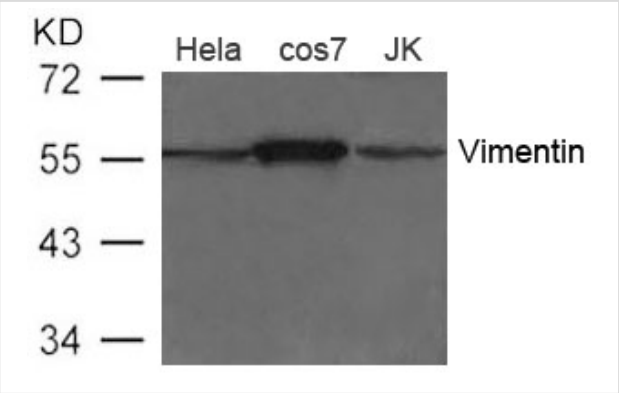
Application Details

Predicted MW: 57kd

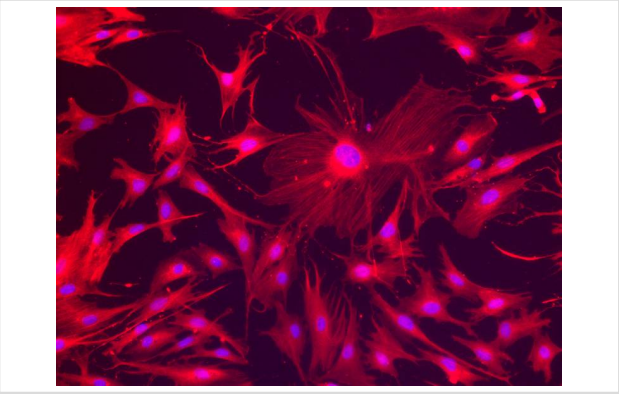
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extract from Hela, cos7 and JK cells using Vimentin Antibody #21488



Immunofluorescence staining of paraffin-embedded mesenchymal stem cells using Vimentin Antibody #21488.

Descriptions

Specificity	The antibody detects endogenous level of total Vimentin protein.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.
Predicted MW	57kd
Accession NO.	Swiss-Prot: P08670NCBI Protein: NP_003371.2

Related Information

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)

Published Papers

Chuanxi Tian, Yifan Gong, Ying Yang el at., Foxg1 Has an Essential Role in Postnatal Development of the Dentate Gyrus., The Journal of Neuroscience, 32(9):2931B¨C2949(2012)
PMID:22378868