

35-1713: Polyclonal Antibody to Vimentin

Clonality :	Polyclonal
Application :	WB,IF
Reactivity :	Human,Mouse,Rat,Monkey
Gene :	VIM
Gene ID :	7431
Uniprot ID :	P08670
Format :	Purified
Alternative Name :	CTRCT30
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.452~456(G-Q-V-I-N) derived from Human Vimentin.

Description

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)

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 57kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

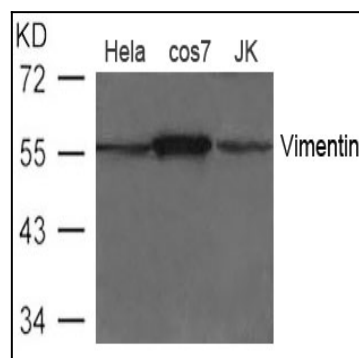


Figure 1: Western blot analysis of extract from HeLa, cos7 and JK cells using Vimentin Antibody 35-1713

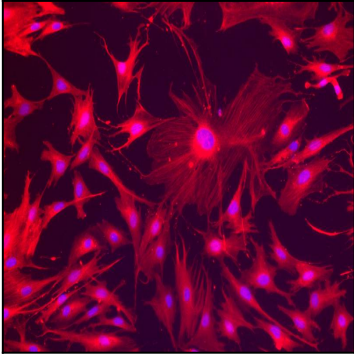


Figure 2: Immunofluorescence staining of paraffin-embedded mesenchymal stem cells using Vimentin Antibody 35-1713 .