

## 35-1713: Polyclonal Antibody to Vimentin

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IF
<b>Reactivity :</b>	Monkey,Rat,Mouse,Human
<b>Gene :</b>	VIM
<b>Gene ID :</b>	7431
<b>Uniprot ID :</b>	P08670
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CTRCT30
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	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.
<b>Storage condition :</b>	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

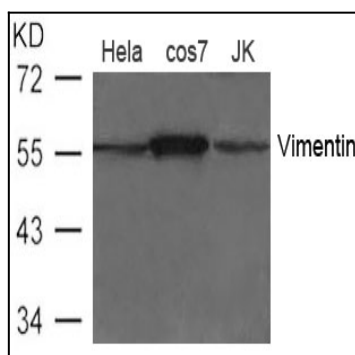


Figure 1: Western blot analysis of extract from HeLa, cos7 and JK cells using Vimentin Antibody 35-1713

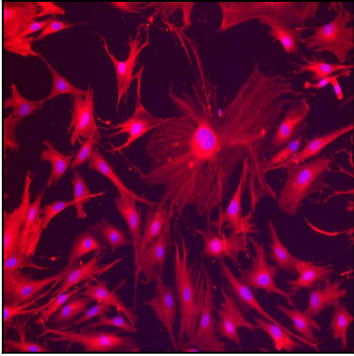


Figure 2: Immunofluorescence staining of paraffin-embedded mesenchymal stem cells using Vimentin Antibody 35-1713 .