

## Anti-VIM antibody [4F8-A5-H5] (STJ99270)

STJ99270

### GENERAL INFORMATION

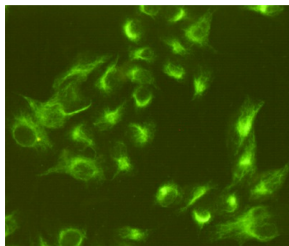
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Vimentin is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry and Immunoprecipitation research applications.
<b>Applications</b>	WB, IF, ICC, IP
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

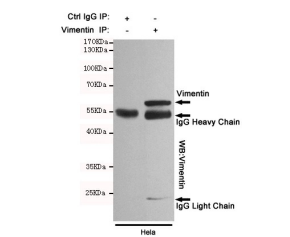
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	4F8-A5-H5
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:1000 ICC 1:800
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG2a
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

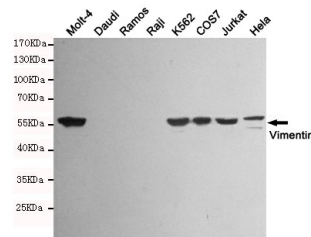
<b>Gene ID</b>	7431
<b>Gene Symbol</b>	VIM
<b>Uniprot ID</b>	VIME_HUMAN
<b>Immunogen</b>	Purified recombinant human Vimentin protein fragments expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	VIM monoclonal antibody (Vimentin) binds to endogenous Vimentin.
<b>Immunogen Sequence</b>	



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-Vimentin mouse mAb (dilution 1:800).



Immunoprecipitation analysis of HeLa cell lysates using Vimentin mouse mAb.



Western blot detection of Vimentin in Molt-4, K562, COS7, Jurkat, HeLa and Vimentin negative cell (Daudi, Ramos, Raji) lysates using Vimentin mouse mAb (1:1000 diluted). Predicted band size: 57KDa. Observed band size: 57KDa.