Vimentin (4F8) Mouse mAb

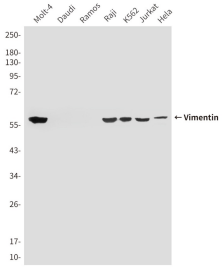
db6271 **Package : 50μL 100μL**

Product Name : Vimentin (4F8) Mouse mAb
Cat.No.: db6271
Synonyms : HEL113; CTRCT30; VIM; vimentin
Application : WB, ICC/IF, IP, IHC-Fr, IHC-P
Reactivity : Human
Host species : Mouse

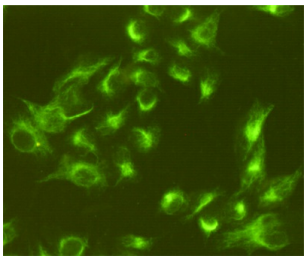
Background	Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.
Immunogen	Purified recombinant human Vimentin protein fragments expressed in E.coli
Gene ID	7431
Swiss Prot	P08670
Synonyms	HEL113; CTRCT30; VIM; vimentin
Reactivity	Human
Application	WB, ICC/IF, IP, IHC-Fr, IHC-P
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100 ICC/IF: 1:50-1:200 IP: 1:20
Calculated MW	54 kDa
Observed MW	57 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	4F8-A5-H5
Isotype	IgG2a
Purity	Affinity Purification

Conjugation Un-conjugated

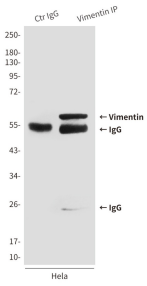
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



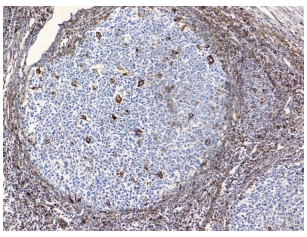
Western blot analysis of Vimentin in Molt4, K562, COS7, Jurkat, Hela and Vimentin negative (Daudi, Ramos, Raji) lysates using Vimentin antibody.



Immunocytochemistry analysis of Vimentin (4F8) in Hela using Vimentin antibody.



Immunoprecipitation analysis of Vimentin (4F8) in Hela lysates using Vimentin antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsils using Vimentin (4F8) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.