

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

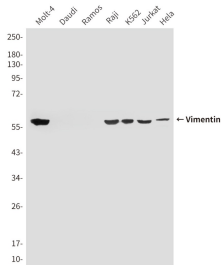
Affinity Purification

Conjugation

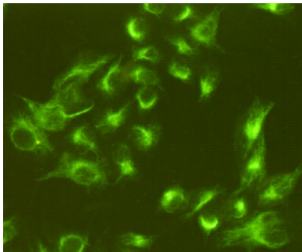
Un-conjugated

Storage Stability

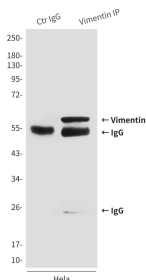
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.



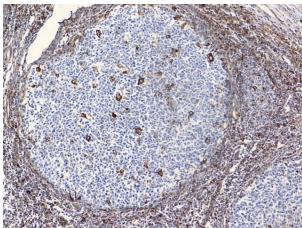
Western blot analysis of Vimentin in Molt4, K562, COS7, Jurkat, HeLa and Vimentin negative (Daudi, Ramos, Raji) lysates using Vimentin antibody.



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.