

## VIMENTIN (4F8) MOUSE MAB

**Cat.#:** N261147

**Product Name:** Anti-Vimentin (4F8) Mouse Monoclonal Antibody

**Synonyms:** VIM; Vimentin

**UNIPROT ID:** P08670

**Background:** Vimentin an intermediate filament protein. Intermediate filament proteins are expressed in a tissue-specific manner. Desmin is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue.

**Immunogen:** Purified recombinant human Vimentin protein fragments expressed in E.coli.

**Applications:** WB,IHC-F,IHC-P,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 4F8-A5-H5

**MW:** Calculated MW: 54 kDa; Observed MW: 57 kDa

**Isotype:** IgG2a

**Purification:** Affinity Purified

**Species Reactivity:** Human

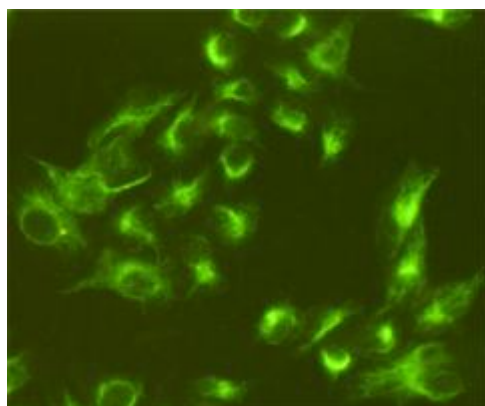
**Conjugation:** Unconjugated

**Modification:** Unmodified

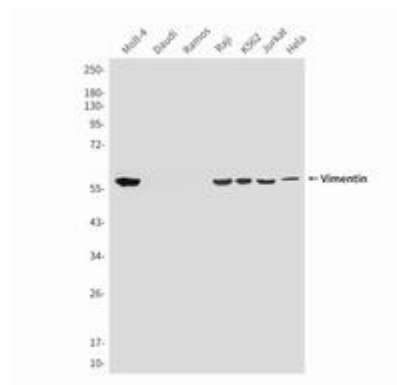
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

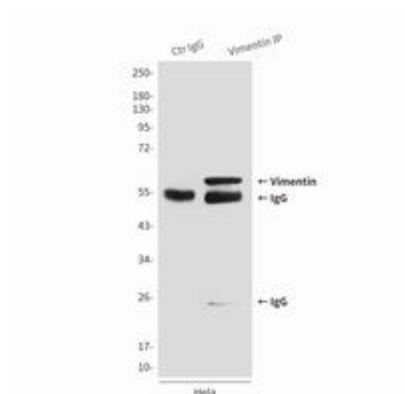
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



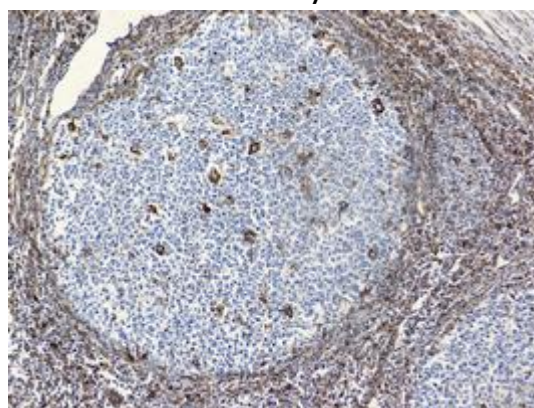
Immunocytochemistry analysis of Vimentin (4F8) in HeLa using Vimentin antibody.



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