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**Product Name: Vimentin Mouse Monoclonal Antibody****Catalog #: AMM85078**

For research use only.

**Summary**

|                      |   |
|----------------------|---|
| <b>Description</b>   | Mouse monoclonal Antibody   |
| <b>Host</b>          | Mouse   |
| <b>Application</b>   | WB,IHC,ICC,IP   |
| <b>Reactivity</b>    | Human   |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Modification</b>  | Unmodified  |
| <b>Isotype</b>       | Mouse IgG2a   |
| <b>Clonality</b>     | Monoclonal  |
| <b>Form</b>          | Liquid  |
| <b>Concentration</b> | 1mg/ml  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.               |
| <b>Shipping</b>      | Ice bags  |
| <b>Buffer</b>        | Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol. |
| <b>Purification</b>  | Affinity Purification   |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20 |
| <b>Molecular Weight</b> | Calculated MW: 54 kDa; Observed MW: 57 kDa                 |

**Antigen Information**

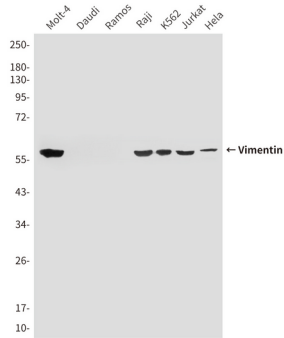
|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | Vimentin   |
| <b>Alternative Names</b> | VIM; Vimentin  |
| <b>Gene ID</b>           | 7431.0   |
| <b>SwissProt ID</b>      | P08670   |
| <b>Immunogen</b>         | Purified recombinant human Vimentin protein fragments expressed in E.coli. |

**Background**

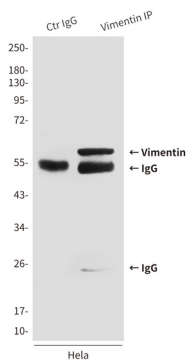
Vimentin an intermediate filament protein. Intermediate filament proteins are expressed in a tissue-specific manner. Desmin is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue.

## Research Area

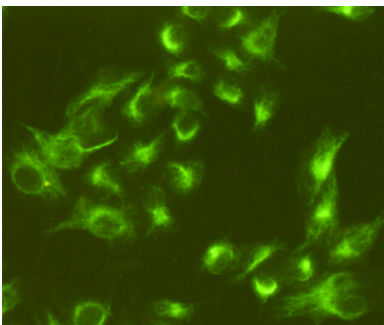
## Image Data



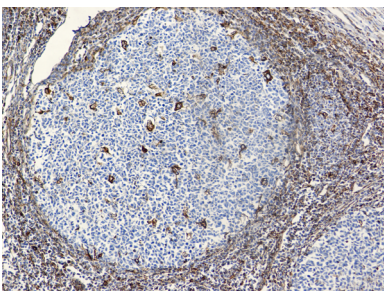
Western blot analysis of Vimentin in Molt4, K562, COS7, Jurkat, HeLa and Vimentin negative (Daudi, Ramos, Raji) lysates using Vimentin antibody.



Immunoprecipitation analysis of Vimentin in HeLa lysates using Vimentin antibody.



Immunocytochemistry analysis of Vimentin in HeLa using Vimentin antibody.



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