

**Product Name: Vimentin Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03745**



## Summary

<b>Production Name</b>	Vimentin Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat,Hamster

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	VIM
<b>Alternative Names</b>	VIM; Vimentin
<b>Gene ID</b>	7431
<b>SwissProt ID</b>	P08670.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 54 kDa; Observed MW: 54 kDa

## Background

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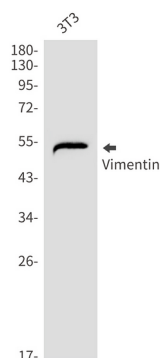


Vimentin an intermediate filament protein. Intermediate filament proteins are expressed in a tissue-specific manner. Desmin is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue.

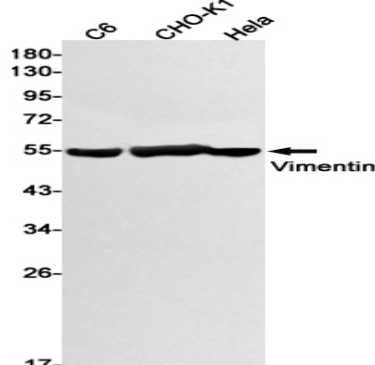
## Research Area

Neuroscience

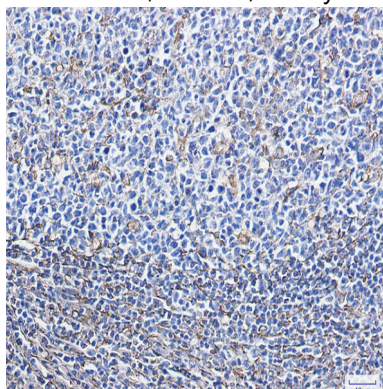
## Image Data



Western blot analysis of Vimentin in 3T3 lysates using Vimentin antibody.



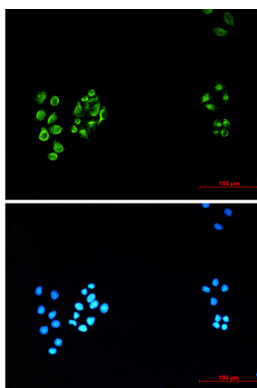
Western blot analysis of Vimentin in C6, CHO-K1, HeLa lysates using Vimentin antibody.



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

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Immunocytochemistry analysis of Vimentin (green) in Hela using Vimentin antibody, and DAPI (blue).

### **Note**

For research use only.