

A11883

Leader in Biomolecular Solutions for Life Science



# Vimentin Rabbit mAb

Catalog No.: A11883

Recombinant

1 Publications

## Basic Information

### Observed MW

54kDa

### Calculated MW

54kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IHC-P,IF/ICC,FC,ELISA

### Cross-Reactivity

Human,Mouse,Rat,Monkey

## Background

This gene encodes a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The encoded protein is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. This protein is involved in neuritogenesis and cholesterol transport and functions as an organizer of a number of other critical proteins involved in cell attachment, migration, and signaling. Bacterial and viral pathogens have been shown to attach to this protein on the host cell surface. Mutations in this gene are associated with congenital cataracts in human patients.

## Recommended Dilutions

|        |                |
|--------|----------------|
| WB     | 1:500 - 1:2000 |
| IHC-P  | 1:50 - 1:100   |
| IF/ICC | 1:50 - 1:100   |
| FC     | 1:20 - 1:50    |

## Immunogen Information

### Gene ID

7431

### Swiss Prot

P08670

### Immunogen

Recombinant protein of human Vimentin

### Synonyms

CTRCT30; HEL113; Vimentin; VIM; vimentin

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

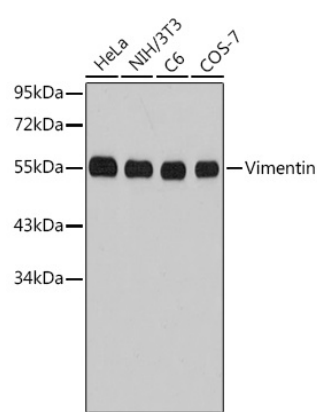
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

# Validation Data



Western blot analysis of various lysates using Vimentin Rabbit mAb (A11883).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.