

# Vimentin Mouse Monoclonal Antibody(1A7)

Catalog No.: RA10008

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	50-57KD

### Applications

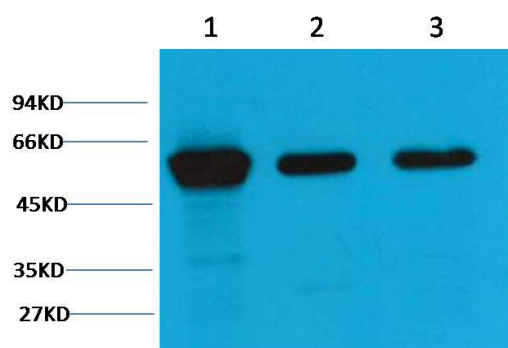
### Recommended Dilution

WB	1:1,000-2,000
IHC	1:200-500
IF	1:100-200

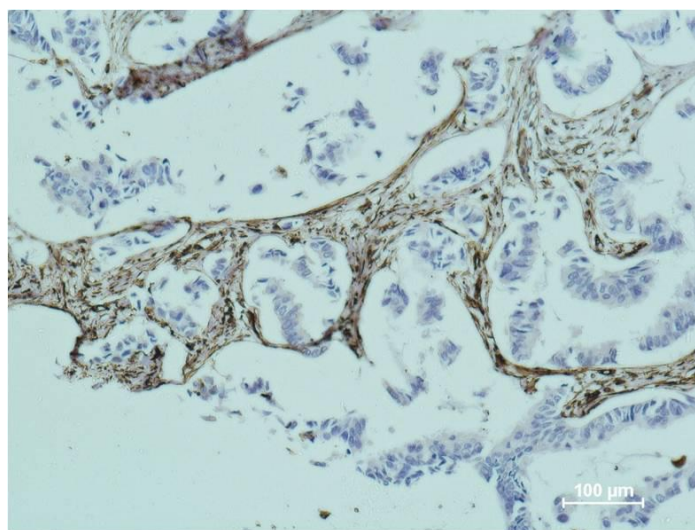
## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

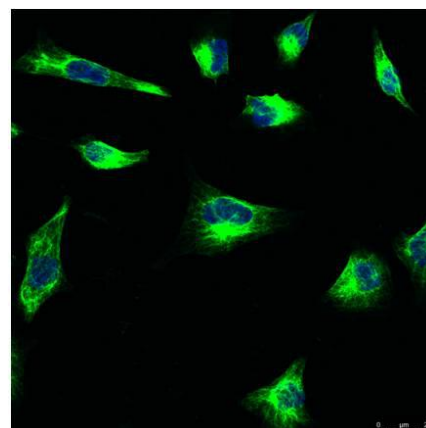
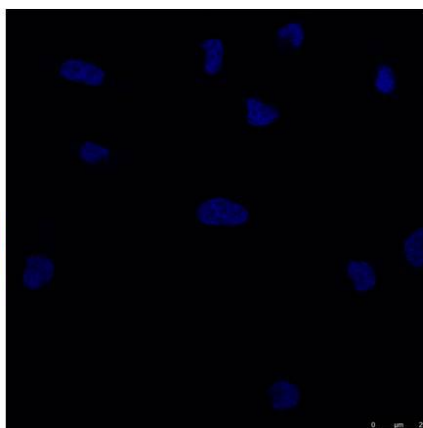
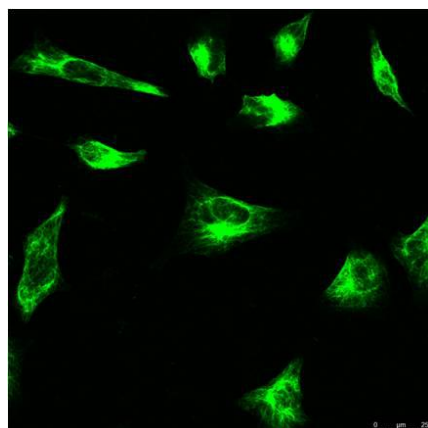
## Experimental Data



Western blot analysis of 1)Hela, 2)Mouse Brain Tissue , 3)Rat Brain tissue with Vimentin Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human breast carcinoma using Vimentin Mouse mAb diluted at 1:500.



IF analysis of Hela with Vimentin Mouse mAb(Left) and DAPI (Right) diluted at 1:100.

## Background

The cytoskeleton consists of three types of cytosolic fibers: microfilaments (actin filaments), intermediate filaments, and microtubules. Vimentin is a type III intermediate filament (IF) protein that is expressed in mesenchymal cells.