

Vimentin Mouse Monoclonal Antibody(1A7)

Catalog No: RA10008

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous Vimentin protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:200-500 Optimal dilutions should be determined by the end user.

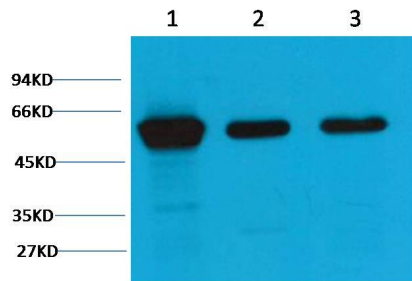
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

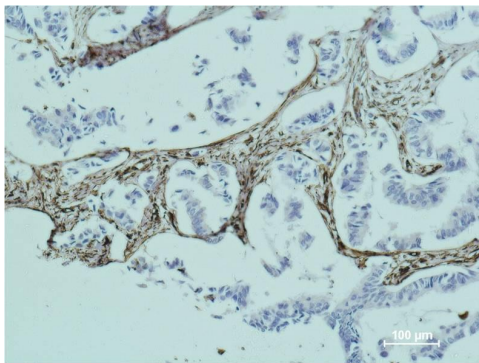
Background

Alternative Names	FLJ36605 antibody, VIM antibody, VIME antibody
Observed band	50-57
Human Gene ID	7431
Human Swiss-Prot Number	P08670
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.

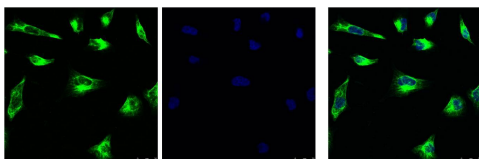
Selected Validation Data



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.