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Anti-Vimentin Rabbit mAb [15H44]

Catalog No.: A52362

Basic Information

Catalog No. (Cat.No.)	A52362
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Vimentin,Vimentin,VIM,intermediate filament protein VIM

Product Information

Target	Vimentin
Molecular Weight(Calculated)	54 kDa
Molecular Weight(Observed)	54 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	15H44
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Vimentin
Gene Name	*VIM*
Domain	NA
Background	Vimentin is type-III intermediate-filament cytoskeletal protein predominantly expressed in mesenchymal-derived cells, sustaining cell architecture and mechanical resilience. It represents canonical mesenchymal-cell marker. Vimentin is strongly up-regulated during EMT. Elevated vimentin in tumours correlates with mesenchymal phenotype and enhanced invasive-metastatic potential.