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Anti-Cytokeratin 5 Rabbit mAb [91H69]

Catalog No.: A52099

Basic Information

Catalog No. (Cat.No.)	A52099
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Cytokeratin 5,CK-5,K5,type II cytoskeletal keratin 5

Product Information

Target	Cytokeratin 5
Molecular Weight(Calculated)	62 kDa
Molecular Weight(Observed)	62 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	91H69
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	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Keratin-5
Gene Name	*KRT5*
Domain	NA
Background	Cytokeratin 5 (CK5) belongs to type-II intermediate-filament family and supports cytoskeleton of stratified epithelia. Predominantly expressed in basal-layer cells of stratified squamous epithelia, CK5 pairs with CK14 to assemble keratin intermediate filaments and maintain basal-cell mechanical stability. CK5 serves as an epidermal basal-stem-cell marker and participates in cutaneous wound repair; pathogenic mutations cause blistering skin diseases. CK5 is highly expressed in tumour subsets including triple-negative breast cancer and lung squamous-cell carcinoma for molecular subtyping.