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Anti-Cytokeratin 14 Rabbit mAb [01H52]

Catalog No.: A52095

Basic Information

Catalog No. (Cat.No.)	A52095
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Cytokeratin 14,CK-14,K14,type I cytoskeletal keratin 14

Product Information

Target	Cytokeratin 14
Molecular Weight(Calculated)	52 kDa
Molecular Weight(Observed)	52 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	01H52
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	1:2000-1:10000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Keratin-14
Gene Name	*KRT14*
Domain	NA
Background	Cytokeratin 14 (CK14) belongs to type-I intermediate-filament family and builds epithelial cytoskeleton to sustain basal-epithelial and stem-cell properties. Predominantly located within basal-layer cells of stratified squamous epithelia, CK14 pairs with CK5 to assemble keratin intermediate filaments and preserve basal-cell cytoskeletal integrity. CK14 serves as canonical marker for epidermal basal stem-progenitor cells and participates in cutaneous wound repair. Germline mutations in CK14 cause blistering skin disorders. CK14 remains highly expressed in squamous-cell carcinoma and certain basal-cell neoplasms.