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Anti-Cytokeratin 10 Rabbit mAb [49B68]

Catalog No.: A52094

Basic Information

Catalog No. (Cat.No.)	A52094
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Cytokeratin 10,CK-10,K10,type I cytoskeletal keratin 10

Product Information

Target	Cytokeratin 10
Molecular Weight(Calculated)	59 kDa
Molecular Weight(Observed)	59 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	49B68
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-10
Gene Name	*KRT10*
Domain	NA
Background	Cytokeratin 10 (CK10) belongs to type-I intermediate-filament protein family and provides cytoskeletal support for epithelial cells against mechanical stress. Predominantly expressed in terminally-differentiated squamous epithelial cells, CK10 heterodimerizes with CK1 to assemble keratin intermediate filaments, sustaining cellular morphology and mechanical resistance. CK10 is markedly up-regulated during epidermal keratinocyte differentiation and acts as a marker for mature epidermal differentiation. Dysregulated CK10 associates with cutaneous hyperkeratosis disorders; its expression is altered in squamous-origin tumours.