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Anti-Cytokeratin 8 Rabbit mAb [17H52]

Catalog No.: A52101

Basic Information

Catalog No. (Cat.No.)	A52101
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Cytokeratin 8,CK-8,K8,CK8,type I cytokeratin 8

Product Information

Target	Cytokeratin 8
Molecular Weight(Calculated)	54 kDa
Molecular Weight(Observed)	54 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	17H52
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
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Keratin-8
Gene Name	*KRT8*
Domain	NA
Background	Cytokeratin 8 (CK8) belongs to type-II intermediate-filament family and provides cytoskeletal support for simple glandular epithelia. Widely expressed in simple glandular cells from gastrointestinal tract, liver and lung, CK8 heterodimerizes with CK18 to build keratin intermediate-filament networks, preserving glandular-epithelial architecture and mechanical resistance. CK8 deficiency or dysfunction aggravates epithelial injury and contributes to hepatic and intestinal pathological processes. Most glandular-origin tumours retain CK8 expression.