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Anti-Cytokeratin 20 Rabbit mAb [11D43]

Catalog No.: A52098

Basic Information

Catalog No. (Cat.No.)	A52098
Host species	Rabbit
Reactivity	Human,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Cytokeratin 20,CK-20,K20,CK20,type I cytokeratin 20

Product Information

Target	Cytokeratin 20
Molecular Weight(Calculated)	49 kDa
Molecular Weight(Observed)	49 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	11D43
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
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Keratin-20
Gene Name	*KRT20*
Domain	NA
Background	Cytokeratin 20 (CK20) belongs to type-I intermediate-filament family and provides cytoskeletal support for specific epithelial subsets. CK20 exhibits prominent tissue specificity, mainly localizing to gastrointestinal mucosa, urothelium and Merkel cells. It remains positive in colorectal carcinoma, selected urothelial neoplasms and Merkel-cell carcinoma, whereas most non-gastrointestinal adenocarcinomas are CK20-negative, rendering CK20 a vital marker for pathological differential diagnosis. Clinical IHC CK20 staining assists discrimination of gastrointestinal-origin tumours from other adenocarcinomas and aids primary-tumour tracing.