

Datasheet for ABIN7543324

Recombinant anti-KRT20 antibody (AA 411-424)



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Overview

Quantity:	200 µg
Target:	KRT20
Binding Specificity:	AA 411-424
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This KRT20 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Anti-Cytokeratin 20 [10F6B12A9], Rabbit IgG, kappa
Immunogen:	The original antibody was generated by immunizing female ICR mice with human CK20 peptide (amino acids 411-424) conjugated to KLH in equal volume of Freund's incomplete adjuvant.
Clone:	10F6B12A9
Isotype:	IgG kappa
Specificity:	This antibody is specific for amino acids 411-424 of human cytokeratin 20. Cytokeratins are intermediate filaments found in the intracytoplasmic cytoskeleton of epithelial tissue. There are 19 keratin polypeptides are found in human epithelium. Cytokeratin 20 plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, it plays a role in the secretion of mucin in the small intestine.

Product Details

Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1
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Purification:	Protein A affinity purified
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Target Details

Target:	KRT20
Alternative Name:	Cytokeratin 20 (KRT20 Products)
Background:	CK20, CK-20, K20, KRT20, Cytokeratin-20, Keratin-20, Keratin type I cytoskeletal 20 ,Protein IT, CGMCC No 16204, Ks20.8
UniProt:	P35900

Application Details

Application Notes:	This antibody can bind human cytokeratin 20 in an ELISA. It is also capable of detecting human cytokeratin 20 in a western blot assay. This antibody is similar to commercially available anti-Cytokeratin 20 antibody KS20.8 in staining various human tissues. This antibody was used in the immunohistochemical staining of paraffin sections of stomach, colon and colonic cancer tissues (CN109734805).
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.