

Datasheet for ABIN6937707
anti-KRT20 antibody (AA 196-323)



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Overview

Quantity:	100 µg
Target:	KRT20
Binding Specificity:	AA 196-323
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT20 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of human KRT20 protein (around aa 196-323) (exact sequence is proprietary)
Clone:	KRT20-3145
Isotype:	IgG kappa
Specificity:	This MAb recognizes an intermediate filament protein of 46 kDa, identified as cytokeratin 20 (KRT20). KRT20 is abundantly expressed in goblet cells and enterocytes of the gastrointestinal tract. It is a useful marker of pancreatic and colorectal cancer. KRT20 is expressed under normal, hyperplastic and neoplastic conditions. It has been detected in adenocarcinomas of the colon, stomach and biliary tract. Breast carcinomas are generally non-reactive.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	KRT20
Alternative Name:	KRT20 (KRT20 Products)
Background:	CK20, Cytokeratin-20, K20, KA20, Keratin 20, keratin 20, type I, Keratin type I cytoskeletal 20, Keratin-20, KRT20,Cytokeratin 20 (KRT20) (Colorectal Epithelial Marker) Cellular localisation: Cytoplasmic
Molecular Weight:	46kDa
Gene ID:	54474, 84905
UniProt:	P35900

Application Details

Application Notes:	Known_Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.1-0.2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: HT29 cells. Colon Carcinoma.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months