

Datasheet for ABIN7656127

anti-KRT20 antibody (AA 196-323) (CF®647)



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Overview

Quantity:	100 µL
Target:	KRT20
Binding Specificity:	AA 196-323
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT20 antibody is conjugated to CF®647
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Cytokeratin 20 (KRT20) (Colorectal Epithelial Marker)(KRT20/1991), CF647 conjugate
Immunogen:	Recombinant fragment of human KRT20 protein (around aa 196-323)
Clone:	KRT20-1991
Isotype:	IgG1, kappa
Characteristics:	This MAb recognizes an intermediate filament protein of 46 kDa, identified as cytokeratin 20 (KRT20). KRT 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. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels.

Product Details

CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	KRT20
Alternative Name:	Keratin 20
Background:	Synonyms: CK20, Cytokeratin-20, K20, KA20, Keratin 20, keratin 20, type I, Keratin type I cytoskeletal 20, Keratin-20, KRT20 Gene Symbol: KRT20 Tissue Expression: Goblet cells Intestine
Molecular Weight:	46 kDa
Gene ID:	54474
UniProt:	P35900

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: HT29 cells. Colon Carcinoma.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from light
Storage:	4 °C

Handling

Storage Comment: Stable at room temperature or 37°C for 7 days.
 Protect from light
 Store at 2 to 8°C. Protect fluorescent conjugates from light

Expiry Date: 24 months