



Rabbit Anti-KRT20 monoclonal antibody, clone TB46-14 (CABT-B108)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Cytokeratin 20
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	TB46-14
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	44 kDa
Cellular Localization	Cytoplasm
Positive Control	Lovo, HCT116, CRC, rat small intestine tissue, human colon cancer tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	Cytokeratins comprise a diverse group of intermediate filament proteins (IFPs) that are expressed as pairs in both keratinized and non-keratinized epithelial tissue, where they constitute up to 85% of mature keratinocytes in the vertebrate epidermis. Cytokeratins play a critical role in differentiation and tissue specialization and function to maintain the overall structural integrity of epi-thelial cells. The a-helical coiled-coil dimers associate laterally end-to-end to form 10 nm diameter filaments. Cytokeratins are useful markers of tissue differentiation, and in addition, they aid in the characterization of malignant tumors. Cytokeratin 20 is abundantly expressed in goblet cells and enterocytes of the gastrointestinal tract, and Cytokeratin 20 is a useful marker of pancreatic and colorectal cancer. Cytokeratin 20 is also helpful in distinguishing different types of highly related carcinomas, such as renal oncocytomas from renal cell carcinomas.
Keywords	CD20;CK 20;CK-20;CK20;Cytokeratin-20;Cytokeratin20;K1C20_HUMAN;K20;KA20;Keratin 20;keratin 20, type I;keratin 21, rat, homolog of;Keratin;Keratin type I cytoskeletal 20;Keratin-20;Keratin20;KRT 20;KRT 21;KRT20;KRT21;MGC35423;OTTHUMP00000164518;Protein IT;type I cytoskeletal 20 antibody