

Anti-Cytokeratin 20 KRT20 Rabbit Monoclonal Antibody

Catalog # ABO14180

Specification

Anti-Cytokeratin 20 KRT20 Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC, IP, FC

Primary Accession
Host
Isotype
Reactivity
Clonality
Format
Rabbit
Rabbit IgG
Rabbit IgG
Rat, Human
Monoclonal
Liquid

Description

Anti-Cytokeratin 20 KRT20 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Rat.

Anti-Cytokeratin 20 KRT20 Rabbit Monoclonal Antibody - Additional Information

Gene ID 54474

Other Names

Keratin, type I cytoskeletal 20, Cytokeratin-20, CK-20, Keratin-20, K20, Protein IT, KRT20

Calculated MW 48487 MW KDa

Application Details

WB 1:500-1:2000
br>IHC 1:50-1:200
br>ICC/IF 1:50-1:200
br>IP 1:30
br>FC 1:50

Subcellular Localization

Cytoplasm.

Tissue Specificity

Expressed predominantly in the intestinal epithelium. Expressed in luminal cells of colonic mucosa. Also expressed in the Merkel cells of keratinized oral mucosa; specifically at the tips of some rete ridges of the gingival mucosa, in the basal layer of the palatal mucosa and in the taste buds of lingual mucosa..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Cytokeratin 20

Purification

Affinity-chromatography

Storage Store at -20°C for one year. For short term



storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Cytokeratin 20 KRT20 Rabbit Monoclonal Antibody - Protein Information

Name KRT20

Function

Plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, plays a role in the secretion of mucin in the small intestine (By similarity).

Cellular Location

Cytoplasm

Tissue Location

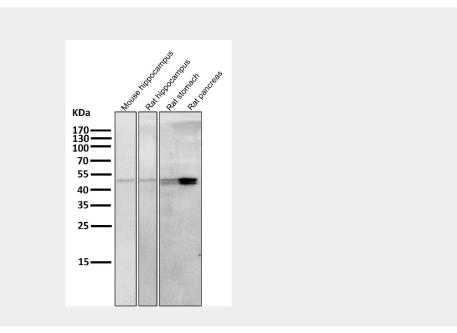
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Anti-Cytokeratin 20 KRT20 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

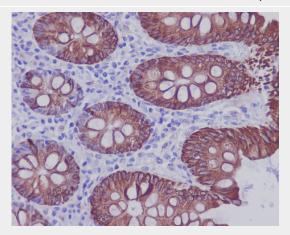
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Cytokeratin 20 KRT20 Rabbit Monoclonal Antibody - Images

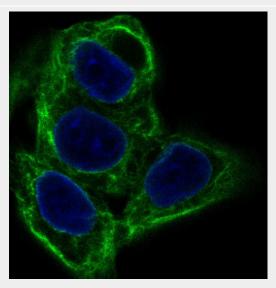




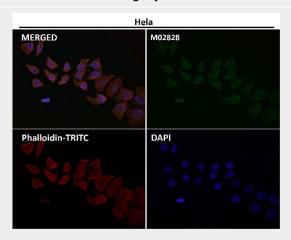
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human colon, using Cytokeratin 20 Antibody.



Immunofluorescent analysis of Hela cells, using Cytokeratin 20 Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.