

Cytokeratin 20 Antibody

Rabbit mAb Catalog # AP90371

Specification

Cytokeratin 20 Antibody - Product Information

Application WB, IHC, FC, ICC, IP

Primary Accession P35900
Reactivity Rat

Clonality Monoclonal

Other Names

CD20; CK-20; CK20; cytokeratin 20; Cytokeratin-20; K1C20; K20; keratin 20; Keratin, type I

cytoskeletal 20; Keratin-20; KRT20; KRT21; MGC35423; Protein IT;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 48487 Da

Cytokeratin 20 Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Cytokeratin 20

Description Intermediate-sized filament (IF) protein

designated cytokeratin (CK) 20 is a major cellular protein of mature enterocytes and goblet cells commonly found in mucosal

epithelium of the mammalian

gastrointestinal tract. Results strongly suggest that transcriptional regulation of keratin genes in the intestinal epithelium occurs at the level of both immature and terminally differentiated epithelial cells, and is tightly regulated during both fetal

development and crypt-to-villus

Storage Condition and Buffer differentiation of the intestinal epithelium.

Rabbit IgG in phosphate buffered saline ,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

Cytokeratin 20 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

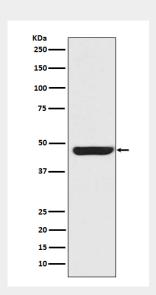
Expressed predominantly in the intestinal epithelium. Expressed in luminal cells of colonic mucosa. Also expressed in the Merkel cells of keratinized oral mucosa; specifically at the tips of some rete ridges of the gingival mucosa, in the basal layer of the palatal mucosa and in the taste buds of lingual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

Cytokeratin 20 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Cytokeratin 20 Antibody - Images



Western blot analysis of Cytokeratin 20 expression in SW480 cell lysate.