Product Datasheet

Cytokeratin 20 Antibody

Catalog No: #57172

Package Size: #57172-1 50ul #57172-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

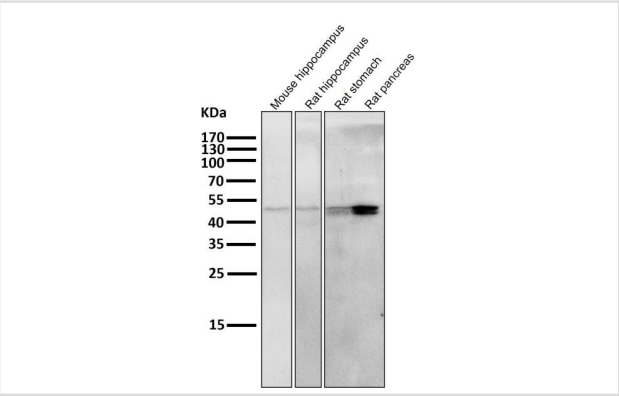
Description

Product Name	Cytokeratin 20 Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB,IHC,ICC/IF,IP,FC
Species Reactivity	Human,Rat
Immunogen Description	A synthesized peptide derived from human Cytokeratin 20
Target Name	Cytokeratin-20
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;
Uniprot	P35900
Calculated MW	44kD
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

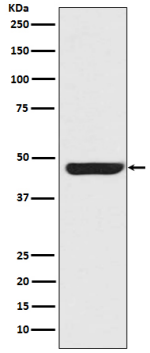
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:30 FC 1:50

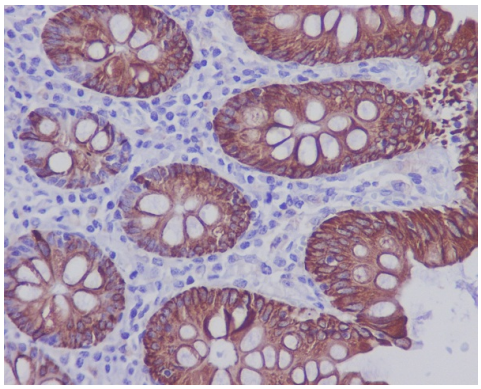
Images



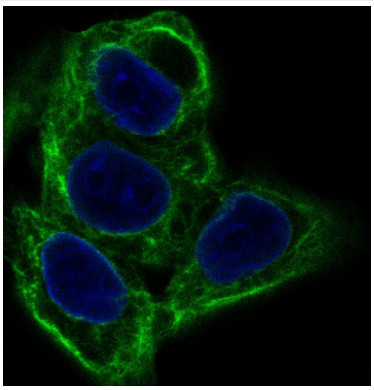
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



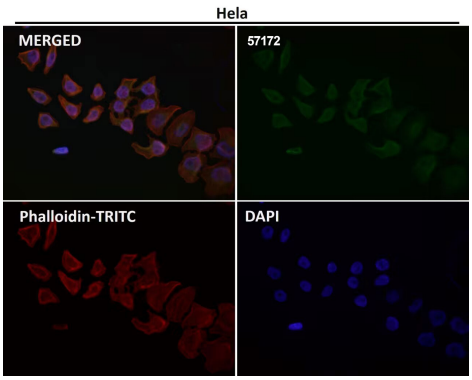
Western blot analysis of Cytokeratin 20 expression in SW480 cell lysate.



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.

Background

Intermediate-sized filament (IF) protein designated cytokeratin (CK) 20 is a major cellular protein of matureenterocytes 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 atthe level of both immature and terminally differentiated epithelial cells, and is tightly regulated during both fetaldevelopment and crypt-to-villus differentiation of the intestinal epithelium. CK20 has recently been reported tobe useful to distinguish between primary and metastatic lung adenocarcinoma. CK20 expression wassignificantly more prevalent in adenocarcinoma that originated in the GI tract than that of pulmonary or breastorigin.

Note: This product is for in vitro research use only