Product Datasheet

KRT20 Antibody

Catalog No: #32041

Package Size: #32041-1 50ul #32041-2 100ul

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

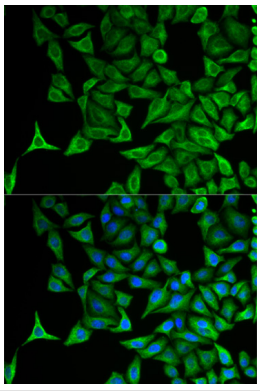
Description

Product Name	KRT20 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total KRT20 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human KRT20.
Target Name	KRT20
Other Names	KRT20; K20; Cytokeratin20; KRT21; CK20
Accession No.	Swiss-Prot:P35900NCBI Gene ID:54474
Uniprot	P35900
GeneID	54474;
SDS-PAGE MW	48KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

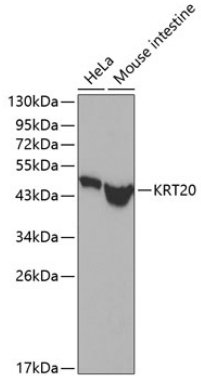
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

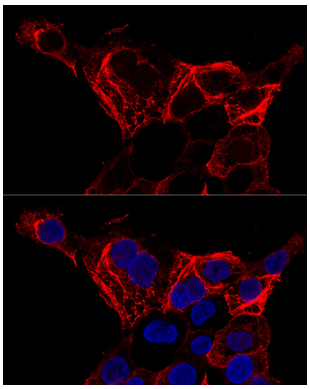
Images



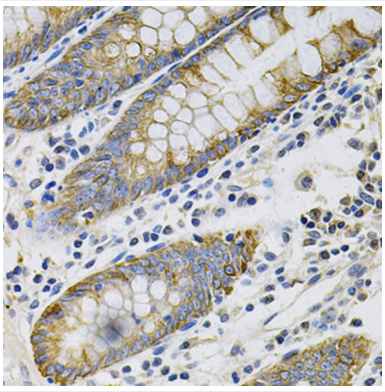
Immunofluorescence analysis of HeLa cells using KRT20 .
Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using KRT20 .



Confocal immunofluorescence analysis of A-431 cells using KRT20 at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded Human colon using KRT20 at dilution of 1:100 (40x lens).

Background

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 (1). 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 differentiation of the intestinal epithelium (2). CK20 has recently been reported to be useful to distinguish between primary and metastatic lung adenocarcinoma. CK20 expression was significantly more prevalent in adenocarcinoma that originated in the GI tract than that of pulmonary or breast origin (3).

Note: This product is for in vitro research use only