

Cytokeratin 20 (KRT20) Rabbit pAb

Catalog No.: A0248

Basic Information

Catalog No.

A0248

Observed MW

43kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse

Recommended Dilutions

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

Contact

 | www.abclonal.com

Background

The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21.

Immunogen Information

Gene ID	Swiss Prot
54474	P35900

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 245-424 of human Cytokeratin 20 (Cytokeratin 20 (KRT20)) (NP_061883.1).

Synonyms

CD20;CK-20;CK20;K20;KRT21;KRT20;Cytokeratin 20

Product Information

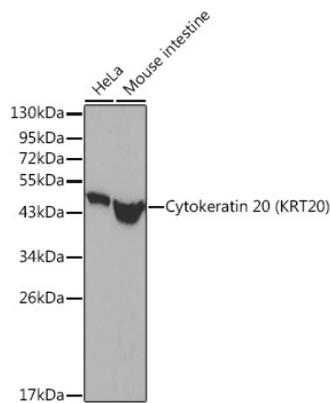
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

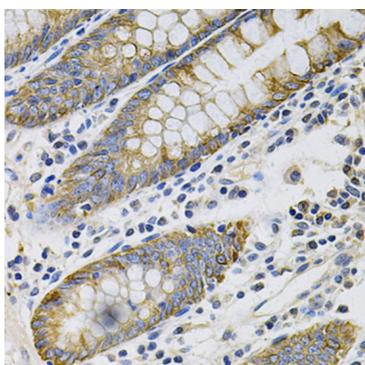


Western blot analysis of extracts of various cell lines, using Cytokeratin 20 (Cytokeratin 20 (KRT20)) antibody (A0248).

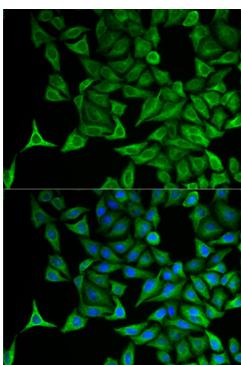
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

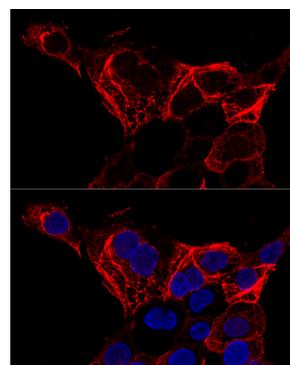
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded Human colon using Cytokeratin 20 (Cytokeratin 20 (KRT20)) antibody (A0248) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using Cytokeratin 20 (Cytokeratin 20 (KRT20)) antibody (A0248). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of A-431 cells using Cytokeratin 20 (Cytokeratin 20 (KRT20)) antibody (A0248) at dilution of 1:200. Blue: DAPI for nuclear staining.