

# Cytokeratin 20 (CK20) Rabbit mAb

Catalog No.: A19041 **Recombinant**

## Basic Information

**Observed MW**

44kDa

**Calculated MW**

48kDa

**Category**

Primary antibody

**Applications**

WB,IHC-P,ELISA

**Cross-Reactivity**

Human, Rat

**CloneNo number**

ARC0288

## 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.

## Recommended Dilutions

**WB** 1:1000 - 1:2000**IHC-P** 1:200 - 1:800**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

54474

**Swiss Prot**

P35900

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 325-424 of human Cytokeratin 20 (KRT20) (P35900).

**Synonyms**

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

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

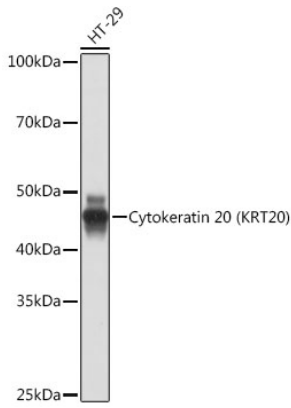
Affinity purification

**Storage**

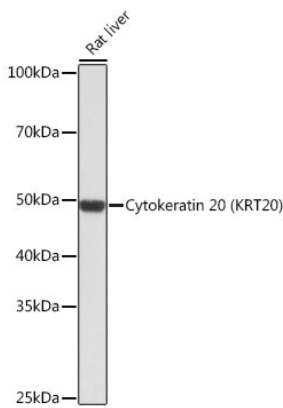
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

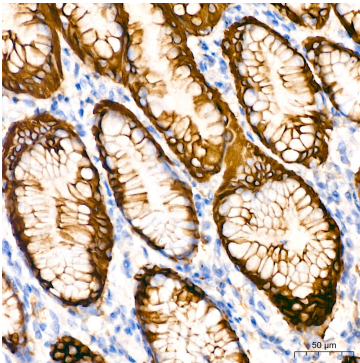
## Validation Data



Western blot analysis of lysates from HT-29 cells, using Cytokeratin 20 (CK20) Rabbit mAb (A19041) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Western blot analysis of lysates from Rat liver, using Cytokeratin 20 (CK20) Rabbit mAb (A19041) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded Human stomach using Cytokeratin 20 (CK20) Rabbit mAb (A19041) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.