

# Cytokeratin 7 (KRT7) Rabbit mAb

Catalog No.: A4357    Recombinant    4 Publications

## Basic Information

### Observed MW

55 kDa

### Calculated MW

51 kDa

### Category

Primary antibody

### Applications

WB, IF-P, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Clone/No. number

ARC0978

## Background

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.

## Recommended Dilutions

WB	1:20000 - 1:100000
IF-P	1:200 - 1:400
IHC-P	1:3000 - 1:12000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3855

### Swiss Prot

P08729

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

K7; KRT7; SCL; K2C7; Cytokeratin 7 (CK7)

## Contact

	400-999-6126
	<a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a>
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

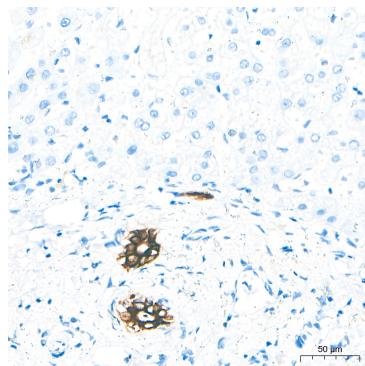
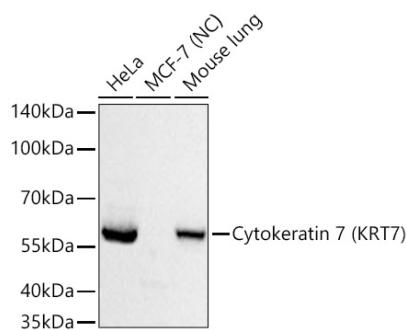
Affinity purification

### Storage

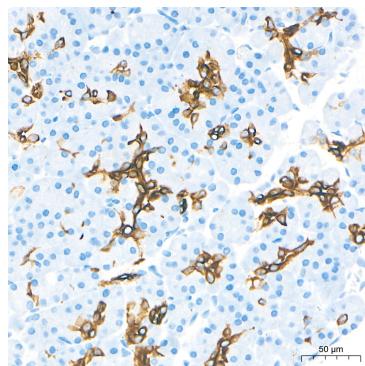
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

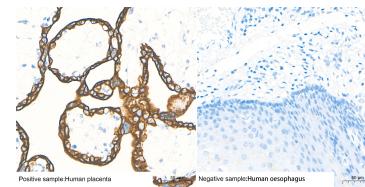
## Validation Data



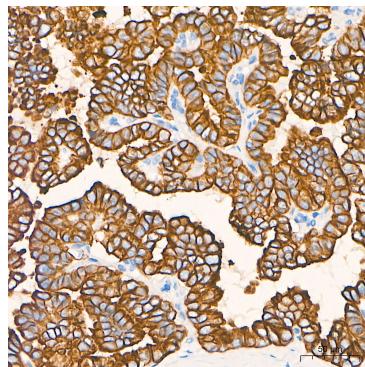
Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Cytokeratin 7 (KRT7) Rabbit mAb (A4357) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Cytokeratin 7 (KRT7) Rabbit mAb (A4357) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta (positive) and oesophagus (negative) tissue using Cytokeratin 7 (KRT7) Rabbit mAb (A4357) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using Cytokeratin 7 (KRT7) Rabbit mAb (A4357) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.