

## Cytokeratin 7 Recombinant antibody

**Cat:** B03045R

**Company:** Haokebio

**Uniprot ID:** Q9DCV7

**Applications:** IHC:1:200-1:1000

**Organism:** Rabbit

IHC-Polymer:1:800-1:4000

**Species reactivity:** Mouse Rat

IHC-TSA:1:1000-1:5000

**Molecular Weight Calculation:** 51 kDa

IF:1:50

**Observed Molecular Weight:** 51 kDa

WB:1:1000-1:5000

### Background:

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT7, also named as cytokeratin 7, is one member of type II basic cytokeratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels, and their neoplasms. KRT7 is marker of epithelial tissues, but not present in carcinomas of stratified squamous cell origin. This antibody is specifically against KRT7.

### Protein full name:

keratin 7

### Synonyms:

Cell and organelle markers, CK 7, CK7, Cytokeratin 7, Cytoskeleton Marker, K2C7, K7, keratin 7, KRT7, Sarcolectin, SCL, Type II keratin Kb7

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoskeleton

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

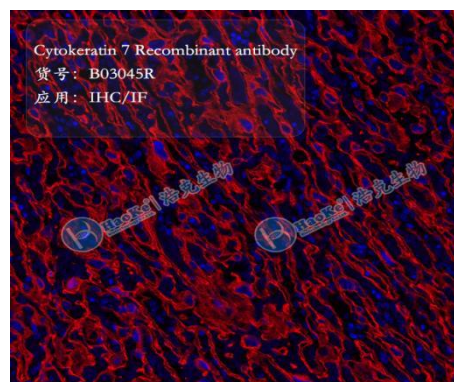
### Storage:

Store at -20 °C for one year.

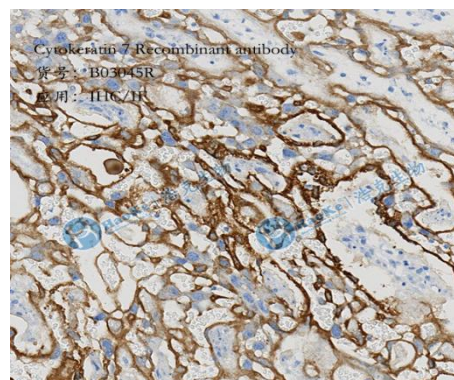
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

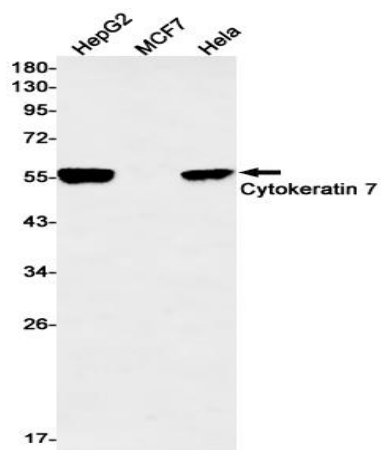
### Images:



Sample: Mouse placenta, 4% PFA 12-24h



Sample: Mouse placenta, 4% PFA 12-24h



Dilution of 1:2000 incubated at room temperature for 1.5 hours.

#### Source of Reagents:

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) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.