

## Cytokeratin 7 Recombinant antibody

**Cat:**B32049R

**Company:** Haokebio

**Uniprot ID:**P08729

**Applications:** IHC:1:100-1:200

**Organism:**Rabbit

IHC-Polymer:1:400-1:800

**Species reactivity:**Human

TSA:1:500-1:1000

### Background:

CK7 is a protein encoded by the KRT7 gene and is often found in pairs with CK19. CK7 is expressed in glandular and ductal epithelial tissues, such as those of the lung, breast, and bladder. However, it stains negatively in most gastrointestinal epithelial tissues, prostate tissues, hepatocytes, and squamous epithelial tissues. Among tumor tissues, colorectal carcinoma, prostate carcinoma, and squamous cell carcinoma exhibit CK7 negativity. Clinically, CK7 is often used in conjunction with CK20 and CDX-2 for the diagnosis of ovarian carcinoma, lung carcinoma, breast carcinoma (CK7-positive), and colorectal carcinoma (CK7-negative).

### Protein full name:

keratin 7

### Synonyms:

KRT7, CK 7, CK7, CK-7, Cytokeratin, Keratin

### Immunogen:

Peptide

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

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

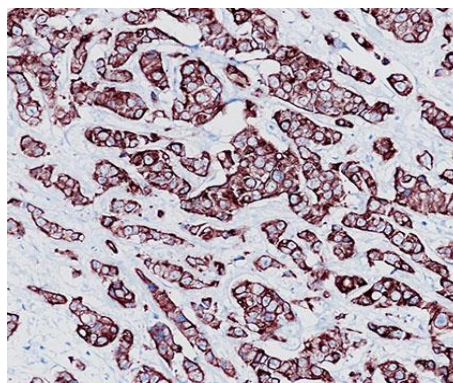
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), 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: Human breast cancer tissue, 4% PFA 12-24h

### Source of Reagents:

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