

## Cytokeratin18 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150172**
**Company:** HaoKebio

**Uniprot ID:**P05783

**Organism:**Rabbit

**Species reactivity:**Human

**Predicted Molecular Weight:** 48 kDa

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

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

### Background:

Cytokeratin 18 (CK18), a type I cytokeratin, pairs with its type II counterpart CK8 to form one of the most abundant intermediate filament protein complexes in epithelial cells, where they represent the sole keratins present. CK18 is detectable in the liver, kidneys, pancreas, and bladder. In malignancies, CK8 and CK18 are expressed in most carcinomas with the exception of some well-differentiated squamous cell carcinomas. Thus, antibodies against CK8 and CK18 demonstrate distinct immunostaining in the majority of adenocarcinomas, hepatocellular carcinomas, renal cell carcinomas, and neuroendocrine carcinomas.

### Protein full name:

Keratin 18

### Synonyms:

KRT18, Cell proliferation-inducing gene 46 protein, CK 18

### Immunogen:

Synthetic peptide corresponding to amino acid residues 330–430 of human Cytokeratin 18.

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

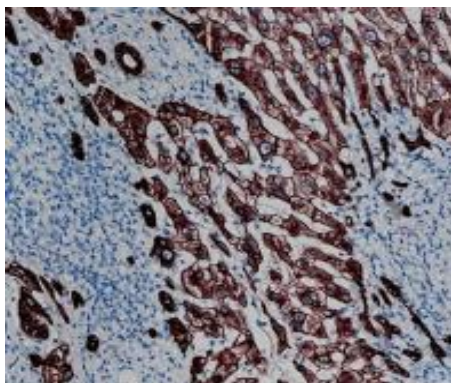
### Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

### Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

### Images:



HKZ150172-labeled Cytokeratin 18 in liver tissue (formalin-fixed, paraffin-embedded sections) using Tris-EDTA buffer (pH 9.0) for antigen retrieval.

### Source of Reagents:

1. Wiedemann B, et al. Proc Natl Acad Sci U S A. 1986 May; 83(10):3500-4.
2. Quinn B. Am J Surg Pathol. 1998 May;22(5):550-6.

### Source of Reagents:

发表[中文论文]请标注: Cytokeratin18 (HKZ150172) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Cytokeratin18 (HKZ150172) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

