

## Cytokeratin 20 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150148**
**Company:** HaoKebio

**Uniprot ID:**P35900

**Applications:**

IHC: 1:100-1:200

**Organism:**Rabbit

IHC-Polymer: 1:400-1:800

**Species reactivity:**Human

TSA:1:500-1:1000

**Predicted Molecular Weight:** 48 kDa

### Background:

Cytokeratin 20 (CK20) is a monolayer epithelial cytokeratin with restricted expression patterns, typically pairing with type II cytokeratin CK8. In normal tissues, CK20 is expressed in gastric foveolar epithelium, colonic epithelium (both large and small intestine), urothelium, certain neuroendocrine cells, and Merkel cells. In tumor tissues, CK20 is expressed in colorectal adenocarcinoma, gastric adenocarcinoma, pancreatic carcinoma, cholangiocarcinoma, ovarian mucinous adenocarcinoma, urothelial carcinoma, and Merkel cell carcinoma. CK20 is often used in combination with CK7 and other antibodies to differentiate between colorectal carcinoma (CK20+) and ovarian, lung, or breast carcinomas.

### Protein full name:

Cytokeratin 20

### Synonyms:

KRT20, keratin 20, K20

### Immunogen:

A synthetic peptide corresponding to amino acid residues 324–424 of CK20.

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

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

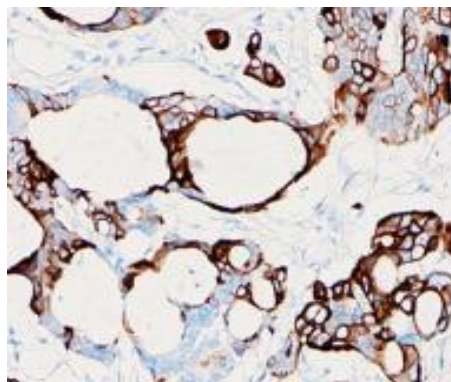
### Storage:

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:



Immunohistochemical results of CK20-labeled human colorectal adenocarcinoma tissue (formalin-fixed, paraffin-embedded sections) using HKZ150148. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

### Source of Reagents:

1. Scott MP, et.al, Am J Dermatopathol. 1999Feb;21(1):16-20.
2. Moll R, et.al, Am J Pathol. 1992 Feb;140(2):427-47.

### Source of Reagents:

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发表[英文论文]请标注: Cytokeratin 20 (HKZ150148)were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

