

## Cytokeratin 19 Recombinant Rabbit Monoclonal Antibody

**Cat: HKZ150140**
**Company:** HaoKebio

**Uniprot ID:** P08727

**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:** 44 kDa

**Background:**

Cytokeratin 19 (CK19), the smallest of all keratins, is distinctive for lacking the non-helical tail domain typically present in all other keratins. It may have evolved from keratinocyte keratins. CK19 is expressed in most simple epithelia (excluding parenchymal cells such as hepatocytes, pancreatic acinar cells, and renal proximal tubule cells), with particularly strong expression in various ductal epithelia, small and large intestinal epithelia, gastric foveolar epithelium, and mesothelium. Additionally, it is present in cells of most pseudostratified epithelia and urothelium, as well as in the basal cells of non-keratinized stratified squamous epithelium. In cancerous tissues, cytokeratin 19 is widely expressed in both adenocarcinomas and squamous cell carcinomas.

**Protein full name:**

Cytokeratin 19

**Synonyms:**

CK 19, KRT19

**Immunogen:**

A synthetic peptide corresponding to amino acid residues 1–100 of Cytokeratin 19 was used as the immunogen.

**Isotype:**

IgG

**Subcellular location:**

Cytoplasm

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

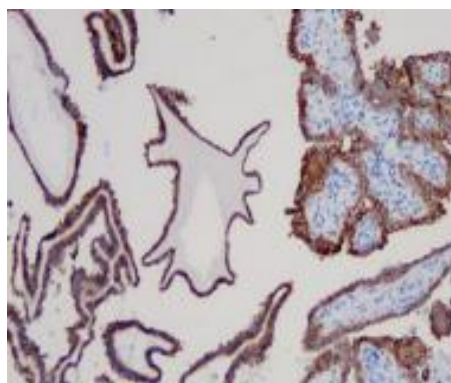
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

**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 HKZ150140-labeled Cytokeratin 19 in human thyroid carcinoma tissue (formalin-fixed, paraffin-embedded sections). Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

**Source of Reagents:**

1. Barroeta JE, et.al, Endocr Pathol. 2006 Fall;17(3):225-34.
2. Schmitt AM, et.al, Am J Surg Pathol. 2007 Nov;31(11):167-7-82.

**Source of Reagents:**

发表[中文论文]请标注: Cytokeratin 19 (HKZ150140)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Cytokeratin 19 (HKZ150140) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

