Cytokeratin 7 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150178

Company： HaoKebio

Uniprot ID: P08729

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight:51 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

CK7 is a protein encoded by the KRT7 gene, typically co-expressed with CK19. CK7 is expressed in glandular and ductal epithelia, such as in the lung, breast, and bladder, but shows negative staining in most gastrointestinal epithelia, prostate, hepatocytes, and squamous epithelia. In tumor tissues, colorectal cancer, prostate cancer, and squamous cell carcinoma are typically CK7-. Clinically, CK7 is often used alongside CK20 and CDX-2 for diagnosing ovarian cancer, lung cancer, breast cancer (CK7+), and colorectal cancer (CK7-).

Protein full name:

Cytokeratin 7

Synonyms:

Cell and organelle markers, CK7

Immunogen:

Synthetic peptide corresponding to amino acid re sidues 1–100 of CK7

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

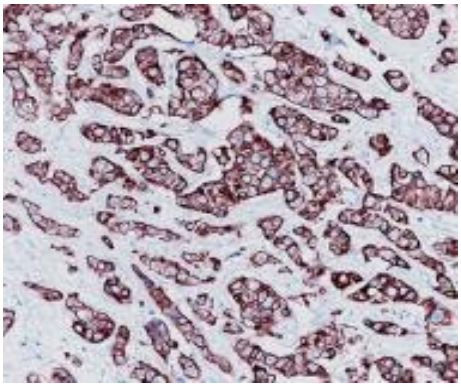
Storage:

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 ℃ - 25 ℃) for 30 minutes.

Images:



Immunohistochemical results of Cytokeratin 7-labeled breast cancer tissue (formalin-fixed, paraffin-embedded sections) us ing HKZ150178. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Moll R, et al. Histochem Cell Biol. 2008 Jun;129(6):705-3 3.

2. Moll R, et al. Cell. 1982 Nov;31(1):11-24.

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发表[中文论文]请标注: Cytokeratin 7 (HKZ150178) 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 7 (HKZ150178) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.