

Cytokeratin 6 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150183

Company: HaoKebio

Uniprot ID:P48668

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight:60kDa

Applications:

IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

CK6 is an epithelium-specific type II keratin typically associated with keratinocyte activation following injury, thus considered a wound healing factor, though unrelated to keratinocyte proliferation or metastasis. This protein consistently co-expresses with type I keratin CK16. CK6 is normally expressed in basal layer cells of non-keratinized epithelial tissues and shows prominent expression in the outer root sheath of hair follicles. In tumor tissues, CK6 is expressed in most squamous cell carcinomas, particularly in the intermediate maturation cell layers of squamous carcinoma nests. CK6 is commonly used alongside CK5 for differential diagnosis of mesothelioma.

Protein full name:

Cytokeratin 6

Synonyms:

CK6

Immunogen:

Synthetic peptide corresponding to amino acid residues 464–564 of Cytokeratin 6.

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

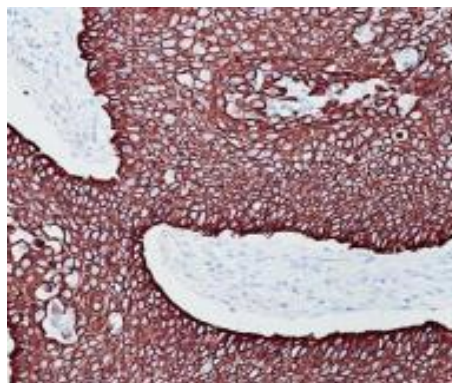
Storage:

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 Cytokeratin 6-labeled esophageal carcinoma tissue (formalin-fixed, paraffin-embedded sections) using HKZ150183. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Helland T, Gjerd J, Dankel S, et al. The Active Tamoxifen Metabolite Endoxifen (4OHNDtam) Strongly Down-Regulates Cytokeratin 6 (CK6) in MCF-7 Breast Cancer Cells.[J]. Plos One, 2015, 10(4):e0122339.

Source of Reagents:

发表[中文论文]请标注: Cytokeratin 6 (HKZ150183) 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 6 (HKZ150183) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

