

Cytokeratin 5 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150139

Company: HaoKebio

Uniprot ID:P13647

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: 62 kDa

Background:

Cytokeratin 5 is a basic protein closely related to Keratin 6. They share similar tissue distributions and are found in varying proportions in many non-keratinized stratified squamous epithelial tissues, such as the mucosa of the tongue, basal epithelium of the trachea, basal cells of the epidermis, hair follicles, sebaceous and sweat glands, luminal cells of the mammary gland, basal cells of the prostate, urothelium, vagina, and endocervix. Keratins 5 and 6 are also expressed in basal cell carcinomas and squamous cell carcinomas of the skin, tongue, epiglottis, and anorectal region. Mutations in the Cytokeratin 5 gene at locus 12q11-q13 can lead to various forms of epidermolysis bullosa simplex.

Protein full name:

Cytokeratin 5

Synonyms:

CK 5, KRT5, keratin 5, 1A1C5

Immunogen:

A synthetic peptide corresponding to amino acid residues 490–590 (C-terminus) of Cytokeratin 5 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 Cytokeratin 5 labeled with HKZ150139 in human skin tissue (formalin-fixed, paraffin-embedded sections). Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Mukhopadhyay S., et.al. Am J Surg Pathol. 2011 Jan; 35(1):15-25.
2. Kargi A, Gurel D., et.al. Appl Immunohistochem Mol Morphol.2007 Dec; 15(4):415-20.

Source of Reagents:

发表[中文论文]请标注: Cytokeratin 5 (HKZ150139)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 5 (HKZ150139) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

