

CytokeRin 10 Recombinant antibody

Cat: B36285S

Company: HaoKebio

Uniprot ID: P13645

Applications: IHC:1:500-1:2000

Organism: Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity: Human Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 584 aa, 59 kDa

IF:1:50-1:100

Observed Molecular Weight: 59 kDa

WB:1:5000-1:50000

Background:

Cytokeratin 10 (CK-10, K10, KRT10) is a type I (acidic) cytokeratin and part of the intermediate filament protein superfamily. It is expressed in keratinized stratified epithelium, suprabasal cell layers (including the stratum corneum), and differentiated areas of highly differentiated squamous cell carcinomas. CK-10 plays a role in maintaining the structural integrity of epithelial cells and is involved in differentiation, tissue specialization, and epidermal barrier establishment. Mutations in the KRT10 gene are associated with epidermolysis hyperkeratosis, and its expression is linked to the terminal differentiation of epidermal cells. CK-10 is also used as a marker for tissue differentiation and characterization of malignant tumors in surgical pathology.

Synonyms:

KRT10, CK 10, CK10, CK-10, Cytokeratin, Keratin

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse skin, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:CytokeRin 10(B36285S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.