

Type I Cytokeratins Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150169
Company: HaoKebio

Organism:Rabbit

Applications:

IHC: 1:100-1:200

Species reactivity:Human

IHC-Polymer: 1:400-1:800

Predicted Molecular Weight: 60/53/51/45/40 kDa

TSA:1:500-1:1000

Background:

Cytokeratins are classic epithelial intermediate filament proteins that exhibit significant molecular diversity. Heteropolymeric filaments are formed by the pairing of Type I and Type II molecules. In humans, there are 54 functional keratin genes, which demonstrate highly specific expression patterns in epithelial cells and cellular differentiation stages. This antibody detects high molecular weight cytokeratins (CK10, CK14, CK15, and CK16) as well as low molecular weight cytokeratin (CK19). It is commonly used in combination with Type II cytokeratin antibodies to form cytokeratin cocktails.

Protein full name:

Cytoplasm

Synonyms:

Dispersin, CSAct, Component C, Co beta glucosidase, Cerebroside sulfate activator

Immunogen:

A synthetic peptide corresponding to amino acid residues 100–200 of Type I Cytokeratins.

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

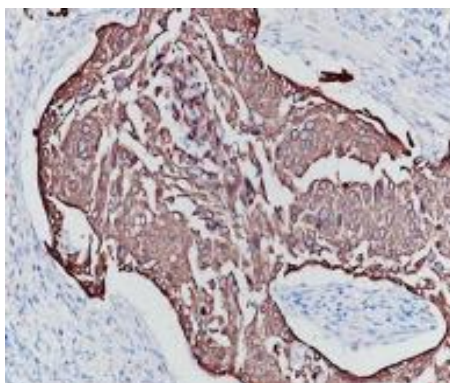
Storage:

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 Type I Cytokeratins staining in cervical cancer tissue (formalin-fixed, paraffin-embedded sections) using HKZ150169. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Spagnolo DV, et al. Am J Clin Pathol. 1985 Dec;84(6):697-704.
2. Eichner R, et al. J Cell Biol. 1984 Apr;98(4):1388-96.

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