Type II Cytokeratins Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150176 **Company：** HaoKebio

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight: 66/65/64/57/62/60/51/54 kDa

Applications: IHC: 1:100-1:200
IHC-Polymer: 1:400-1:800
TSA:1:500-1:1000

Background:

Type II cytokeratins are intermediate filament proteins characterized by significant molecular diversity, co-expressed and functionally paired with type I keratins in vivo. Humans possess 54 distinct keratin genes whose expression patterns vary across epithelial cell types and differentiation stages. Type II keratins include CK1, CK2, CK3, CK4, CK5, CK6, CK7, and CK8. Clinically, antibodies targeting these keratins are often blended into a unified Type II cytokeratin cocktail for diagnostic detection.

Protein full name:

Type II cytokeratins

Synonyms:

Type II cytokeratins

Immunogen:

Synthetic peptide corresponding to amino acid residues 300–400 conserved across Type II Cytokeratins.

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

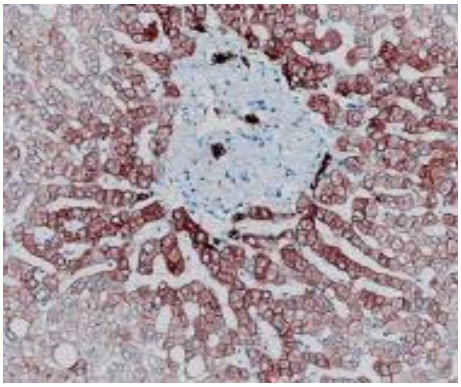
Storage:

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 ℃ - 25 ℃) for 30 minutes.

Images:



HKZ150176-labeled Type II Cytokeratins in liver tissue (formalin-fixed, paraffin-embedded sections) using Tris-EDTA buffer (pH 9.0) for antigen retrieval.

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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发表[中文论文]请标注: Type II cytokeratins (HKZ150176) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Type II cytokeratins (HKZ150176) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.