

CD44 Recombinant Rabbit Monoclonal Antibody

Cat: HKZ150250

Company: HaoKebio

Uniprot ID: P16070

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight: 82 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA: 1:500-1:1000

Background:

CD44 belongs to the cell adhesion molecules (CAMs) family that mediates cell-extracellular matrix interactions. This cell surface protein interacts with cytoskeletal proteins and is primarily expressed at the basal membrane aspect of myoepithelial cells in certain acini and ducts. CD44 is implicated in lymphocyte activation/homing and tumor invasion, making it a valuable marker for studying various malignancies including breast cancer, gastrointestinal tumors, and lung carcinomas.

Protein full name:

CD44 molecule

Synonyms:

CD44 antigen, CDW44, CSPG8, ECMR III

Immunogen:

A synthetic peptide corresponding to amino acid residues 150-250 of CD44.

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

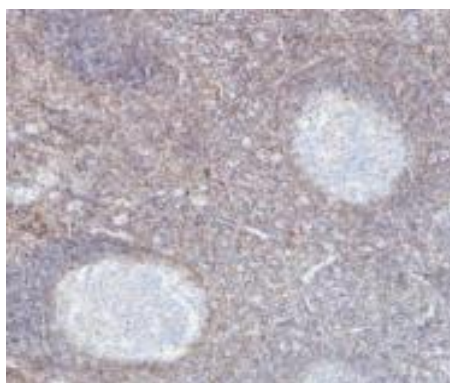
Storage:

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 CD44 staining in tonsil tissue (formalin-fixed, paraffin-embedded sections) using HKZ150250. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

Source of Reagents:

1. Mansoori M, et al. Exp Mol Pathol. 2019;109:25-35.
2. Song Y, et al. Sci Rep. 2018;8:16100.

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发表[中文论文]请标注: CD44(HKZ150250) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: CD44(HKZ150250) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

