

CD44 Recombinant antibody

Cat: B03041R

Company: Haokebio

Uniprot ID: P16070

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: 82 kDa

IF:1:50-1:100

Observed Molecular Weight: 82 kDa

WB:1:500-1:1000

Background:

CD44 is a type I transmembrane glycoprotein that mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA) and possibly also through its affinity for other ligands. Adhesion with HA plays an important role in cell migration, tumor growth and progression. CD44 is also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. This protein exists in multiple forms (with molecular weight ranging from 16 kDa to over 200 kDa) generated by alternative RNA splicing and extensive post-translational modifications.

Protein full name:

CD44 molecule (Indian blood group)

Synonyms:

CD44 antigen, CDW44, CSPG8, ECMR III, ECMR-III

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

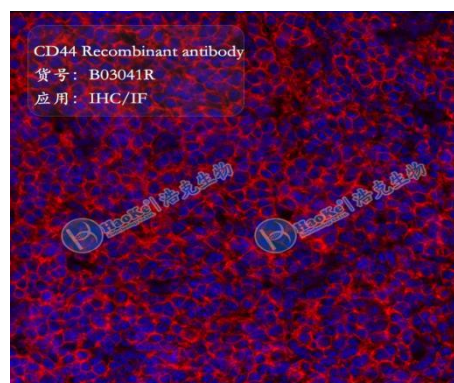
Storage:

Store at -20 °C for one year.

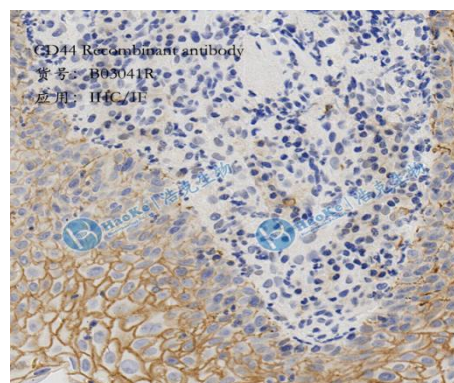
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0), 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.

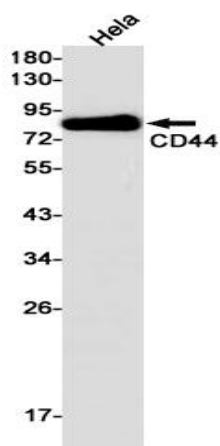
Images:



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



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



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:CD44(B03041R)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(B03041R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.