

CD55 Recombinant antibody

Cat: B36493S

Company: HaoKebio

Uniprot ID: Q61475

Applications: IHC:1:500-1:2000

Organism: Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity: Mouse

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 43 kDa

IF:1:50-1:100

Observed Molecular Weight: 55-65 kDa

WB:1:5000-1:50000

Background:

CD55, also known as DAF, is a glycosylphosphatidylinositol (GPI)-anchored surface glycoprotein that is widely distributed on blood, stroma, epithelial, and endothelial cells. It can also exist as a soluble form in plasma, urine, saliva, tears, and synovial fluids. CD55 is a complement regulatory protein. It inhibits formation of the C3 convertases through binding to C3b and C4b. It also binds the alternate pathway convertase C3bBb, the classical pathway convertase and C4b2a to accelerate their decay. CD55 also serves as a receptor for coxsackieviruses B1, B3, and B5 and several enteroviruses. The observed molecular weight of mature CD55 varies between 50 to 100 kDa depending on the cell type. Different sizes of CD55 might be caused by alternative splicing or different glycosylation patterns.

Synonyms:

Cd55a, Complement decay-accelerating factor, GPI-anchored, Daf, Daf1, DAF-GPI

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.

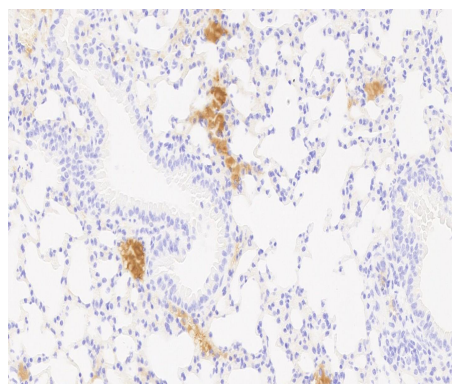
Storage:

Store at -20 °C for one year.

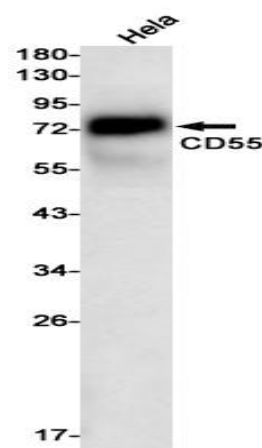
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 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 lung, 4% PFA 12-24h



Dilution of 1:20000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:CD55(B36493S)由杭州
浩克生物技术有限公司提供;

发表[英文论文]请标注:CD55(B36493S) were ki
ndly provided by Hangzhou Haoke Biotechnolog
y Co., Ltd.