

CD8a Recombinant antibody

Cat: B36497S

Company: HaoKebio

Uniprot ID: P01731

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: 27 kDa

IF:1:50-1:100

Observed Molecular Weight: 30-35 kDa

WB:1:1000-1:6000

Background:

CD8 is a transmembrane glycoprotein that is predominantly expressed on the surface of cytotoxic T cells, and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8 is composed of two disulfide-linked chains and can be present as a homodimer of CD8 α or as a heterodimer of CD8 α and CD8 β . The majority of class I-restricted T cells express mostly the CD8 $\alpha\beta$ heterodimer while CD8 $\alpha\alpha$ homodimers alone have been found on some gut intraepithelial T cells, on some T cell receptor (TCR) $\gamma\delta$ T cells and on NK cells. CD8 acts as a co-receptor that binds to MHC class-I and participates in cytotoxic T cell activation. During T cell development, CD8 is required for positive selection of CD4-/CD8+ T cells.

Synonyms:

CD8, CD8 antigen, alpha chain, CD8 α , Ly 2, Ly 35

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

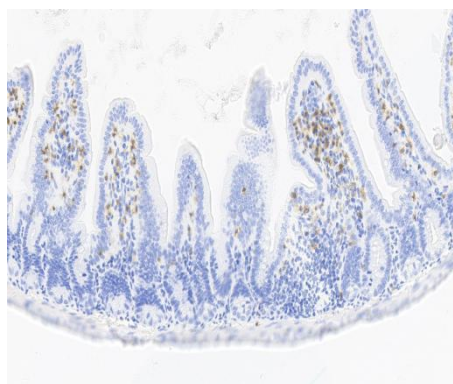
Storage:

Store at -20 °C for one year.

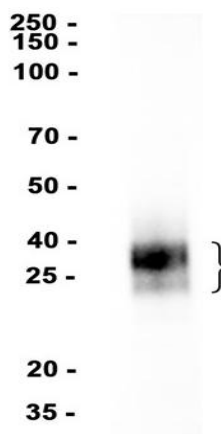
Experimental procedure:

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 intestine, 4% PFA 12-24h



Dilution of 1:3000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:CD8a(B36497S)由杭州
浩克生物技术有限公司提供;

发表[英文论文]请标注:CD8a(B36497S) were ki
ndly provided by Hangzhou Haoke Biotechnolog
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