

CD157 Recombinant antibody

Cat:B36439S

Company: HaoKebio

Uniprot ID:Q64277

Applications: IHC:1:50-1:500

Organism:Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Mouse

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 35 kDa

WB:1:1000-1:8000

Observed Molecular Weight: 40-46 kDa

Background:

CD157 is a glycosyl phosphatidylinositol-anchored protein that stimulates pre-B-cell growth and has adenosine diphosphate (ADP)-ribosyl cyclase and cyclic ADP-ribose (cADPR) hydrolase activity. The two enzymatic activities are responsible for the synthesis and hydrolysis of cADPR, a novel second messenger of calcium release from intracellular calcium stores. CD157 has a calculated molecular mass of 30-36 kDa and an apparent molecular mass of 40-46 kDa due to glycosylation.

Synonyms:

Bp3, Bone marrow stromal antigen 1, Antigen Bp3, ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2, ADP-ribosyl cyclase 2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane,Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

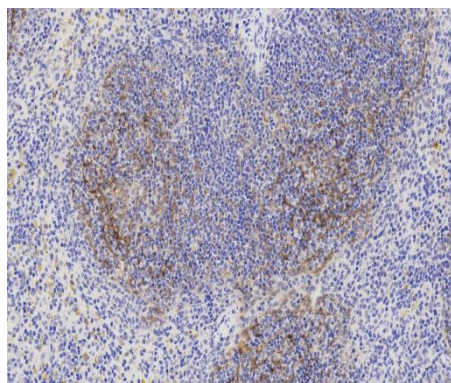
Storage:

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 spleen, 4% PFA 12-24h

Source of Reagents:

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