

# 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 phosphotidylinositol-anchor ed 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 responsibl e for the synthesis and hydrolysis of cADPR, a n ovel second messenger of calcium release from i ntracellular calcium stores. CD157 has a calculat ed molecular mass of 30-36 kDa and an apparent molecular mass of 40-46 kDa due to glycosylatio n.

**Synonyms:**

Bp3, Bone marrow stromal antigen 1, Antigen B P3, ADP-ribosyl cyclase/cyclic ADP-ribose hydr olase 2, ADP-ribosyl cyclase 2

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Membrane,Cytoplasm

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

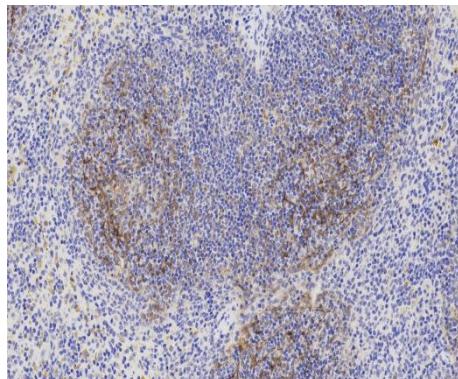
PBS with 0.02% sodium azide,100 µg/ml BSA an d 50% glycerol.

**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 min utes. Incubate antibody, 4°C overnight. Secondary antibody: P oly-HRP Goat Anti-Rabbit & Mouse Universal Secondary An tibody, RT, 1h.

**Images:**

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

**Source of Reagents:**

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