

## CD6 Recombinant antibody

**Cat: B36133S**
**Company:** HaoKebio

**Uniprot ID:** Q61003-1

**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:** 72 kDa

WB:1:500-1:2000

**Observed Molecular Weight:** 130 kDa

### Background:

CD6 is a type I transmembrane glycoprotein of 105-130 kDa that belongs to the scavenger receptor cysteine-rich superfamily. It is composed of an extracellular region, which consists of three tandem SRCR domains, a transmembrane region, and a cytoplasmic tail devoid of intrinsic catalytic activity but harbouring several phosphorylatable residues suitable for intracellular signal transduction. CD6 is expressed by T cells, medullary thymocytes, a subset of B cells and NK cells, and in some cells of the brain. CD6 plays a role in lymphocyte activation, proliferation, and survival processes via interaction with its endogenous ligands.

### Synonyms:

241471H6

### 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.

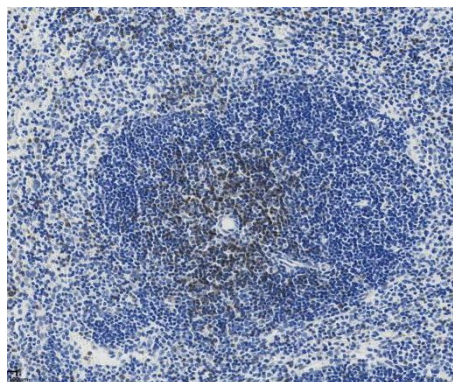
### Storage:

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 spleen, 4% PFA 12-24h

### Source of Reagents:

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