

## CD45 Recombinant antibody

**Cat:** B03027R

**Company:** Haokebio

**Uniprot ID:** P06800-4

**Applications:** IHC:1:300-1:1200

**Organism:** Rabbit

IHC-Polymer:1:1200-1:4800

**Species reactivity:** Mouse

IHC-TSA:1:1500-1:6000

**Molecular Weight Calculation:** 147 kDa

IF:1:50

**Observed Molecular Weight:** 180-240 kDa

WB:1:1000-1:4000

### Background:

CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets. CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling.

### Protein full name:

protein tyrosine phosphatase, receptor type, C

### Synonyms:

CD45/PTPRC, Ptpcr, 240356G10, EC:3.1.3.48, LCA

### 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:

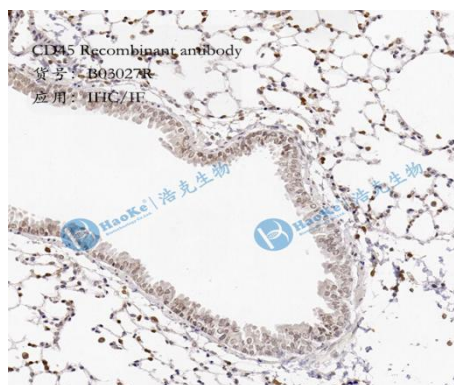
Store at -20 °C for one year.

### Experimental procedure:

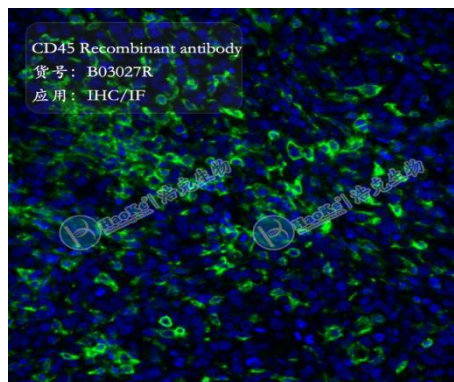
Antigen retrieval: Citrate buffer (pH 6.0), Medium high heat for 8 minutes, stop for 7 minutes, medium

high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

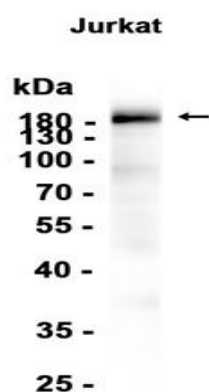
### Images:



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



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



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

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