

## CD4 Recombinant antibody

**Cat:** B03040R

**Company:** Haokebio

**Uniprot ID:** P06332

**Applications:** IHC:1:200-1:1000

**Organism:** Rabbit

IHC-Polymer:1:800-1:4000

**Species reactivity:** Mouse

IHC-TSA:1:1000-1:5000

**Molecular Weight Calculation:** 51 kDa

IF:1:50

**Observed Molecular Weight:** 51 kDa

WB:1:1000

### Background:

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells. CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation. CD4 serves as a receptor for the human immunodeficiency virus (HIV).

### Protein full name:

CD4 antigen

### Synonyms:

CD4 antigen, L3T4, Ly 4, T-cell differentiation antigen L3T4, T-cell surface antigen T4/Leu-3

### 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.

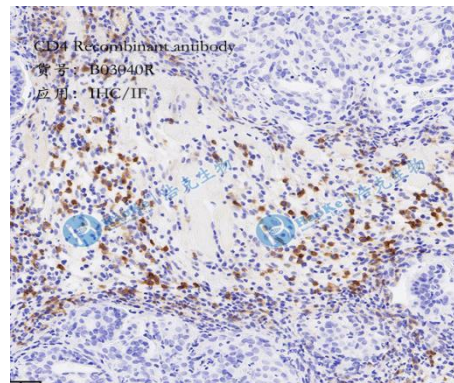
### Storage:

Store at -20 °C for one year.

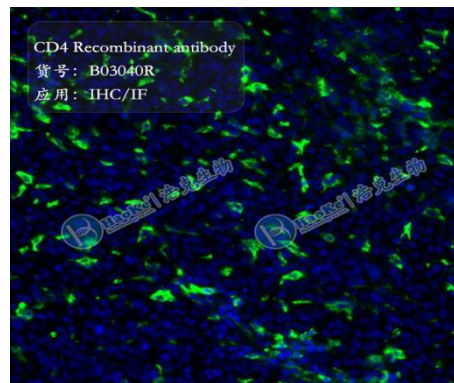
### Experimental procedure:

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.

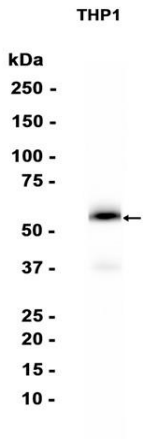
### Images:



Sample: Mouse tumor, 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:**

发表[中文论文]请标注:CD4(B03040R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD4(B03040R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.