

## CD86 Recombinant antibody

Cat: B03019R

Company: Haokebio

Uniprot ID: P42081

Organism: Rabbit

Species reactivity: Mouse

Molecular Weight Calculation: 38 kDa

Observed Molecular Weight: 60-85 kDa

Applications: IHC: 1:500-1:4000

IHC-Polymer: 1:2000-1:16000

IHC-TSA: 1:2500-1:20000

IF: 1:50-1:200

WB: 1:500-5000

### Background:

CD86 is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells, including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. This antibody detects a band of approximately 65-70 kDa, consistent with glycosylated form of CD86.

### Protein full name:

CD86 molecule

### Synonyms:

Activation B7 2 antigen, Activation B7-2 antigen, B7 2, B70, BU63

### 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.

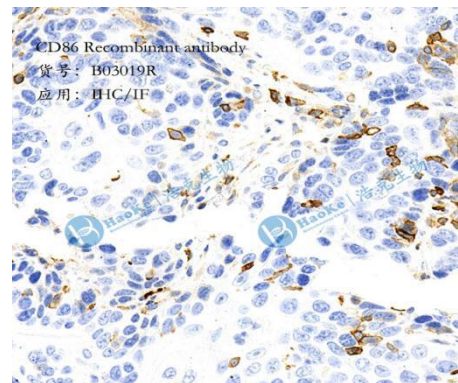
### Storage:

Store at -20 °C for one year.

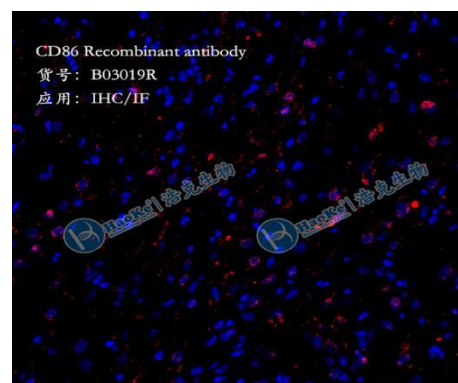
### Experimental procedure:

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.

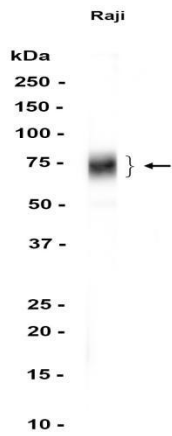
### Images:



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



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



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

**Source of Reagents:**

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