

## CD163 Recombinant antibody

Cat: B03004R

Company: HaoKebio

Uniprot ID: Q2VLH6

Organism: Rabbit

Species reactivity: Mouse Rat

Molecular Weight Calculation: 121 kDa

Observed Molecular Weight: 160-170 kDa

Applications: IHC: 1:2000-1:8000

IHC-Polymer: 1:8000-1:32000

IHC-TSA: 1:10000-1:80000

IF: 1:100-1:400

WB: 1:2000-1:12000

### Background:

CD163, also known as M130, is a membrane glycoprotein that belongs to the scavenger receptor superfamily. It is an acute phase-regulated and signal-inducing macrophage protein expressed exclusively in monocytes and tissue macrophages. CD163 mediates endocytosis of haptoglobin-haemoglobin complexes. The uptake of haptoglobin by macrophages contributes to the recycling of iron and also to the inflammatory response. Soluble CD163, as a result of ectodomain shedding during inflammatory activation of macrophages, circulates in blood and has been suggested as a plasma/serum marker for macrophage activity.

### Protein full name:

CD163 antigen

### Synonyms:

sCD163, M130, 240233A3

### 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.

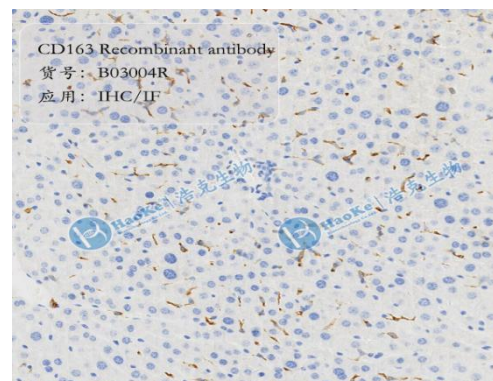
### Experimental procedure:

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.

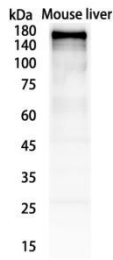
### Images:



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



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



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

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