

CD163 Recombinant antibody

Cat: B03004R

Company: HaokeBIO

Uniprot ID: Q2VLH6

Applications: IHC/IF: 1:2000-1:8000

Organism: Rabbit

WB: 1:2000-1:12000

Species reactivity: Mouse Rat

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.

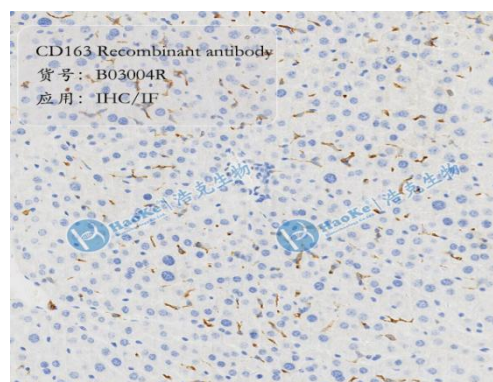
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 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 liver, 4% PFA 12-24h



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