

CD14 Recombinant antibody

Cat:B32089R

Company: Haokebio

Uniprot ID:P08571

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

CD14, also known as the lipopolysaccharide (LPS) receptor, is strongly expressed in monocytes and macrophages, while its expression on neutrophils is weak. CD14 is anchored to the cell membrane via glycosylphosphatidylinositol (GPI), and its function is to serve as a high-affinity receptor for the complex of LPS and LPS-binding protein. Soluble CD14 can also bind to LPS: at physiological concentrations, it acts as an inducer of the LPS receptor, whereas at high concentrations, it exerts an antagonistic effect on LPS-mediated cell activation.

Protein full name:

CD14 antigen

Synonyms:

CD14 antigen, 240225C2

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

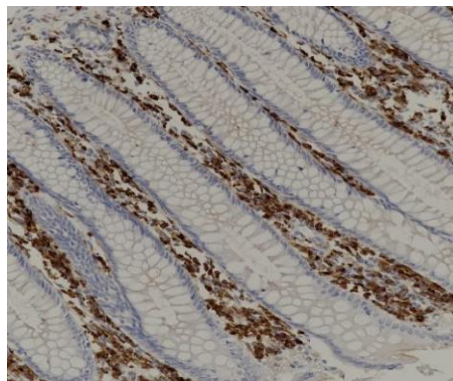
Storage:

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: Human appendix tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:CD14(B32089R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.