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Human CellExp™ CD163, Human recombinant

CD163, M130
Catalog # PBV11470r

Specification

Human CellExp™ CD163, Human recombinant - Product info

Primary Accession	Q86VB7
Calculated MW	**This protein is fused with a 6× His tag at C-terminus and has a calculated MW of 110.4 kDa. The protein migrates as 135-140 kDa in SDS-PAGE due to glycosylation. KDa**

Human CellExp™ CD163, Human recombinant - Additional Info

Gene ID	**9332**
Other Names	
CD163, M130	
Gene Source	**Human**
Source	**HEK 293 cells**
Assay&Purity	**SDS-PAGE;≥95%**
Assay2&Purity2	**N/A;≥95%**
Recombinant	**Yes**
Target/Specificity	
CD163	

Application Notes
Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml

Format
Lyophilized

Storage
-20°C;Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

Human CellExp™ CD163, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

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- Cell Culture

Human CellExp™ CD163, Human recombinant - Images

Human CellExp™ CD163, Human recombinant - Background

Scavenger receptor cysteine-rich type 1 protein M130 (CD163) is also known as hemoglobin scavenger receptor, which is a scavenger receptor for the hemoglobin-haptoglobin complex. CD163 has also been shown to mark cells of monocyte/macrophage lineage. A soluble form of the receptor exists in plasma, commonly denoted sCD163. sCD163 is generated by ectodomain shedding of the membrane bound receptor. sCD163 is upregulated in a large range of inflammatory diseases including liver cirrhosis, type 2 diabetes, macrophage activation syndrome, Gaucher’s disease, sepsis, HIV infection, rheumatoid arthritis and Hodgkin Lymphoma.