

Product Datasheet

CD163 Antibody



Catalog No: CY6845

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC IP

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Information

UniProt ID: Q86VB7

All Names: CD163; CD163 antigen; CD163 molecule; Hemoglobin scavenger receptor; M130 antigen precursor; Macrophage associated antigen; MM130; SCAR11; Scavenger receptor cysteine rich type 1 protein M130; sCD163; Soluble CD163;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 150 kDa

Application

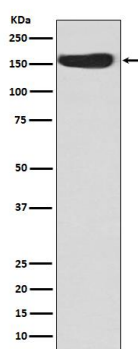
WB 1:1000~1:5000

IHC 1:500~1:2000

IP 1:30

Background

Involved in clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages and may thereby protect tissues from free hemoglobin-mediated oxidative damage. May play a role in the uptake and recycling of iron, via endocytosis of hemoglobin/haptoglobin and subsequent breakdown of heme. Binds hemoglobin/haptoglobin complexes in a calcium-dependent and pH-dependent manner. After shedding, the soluble form (sCD163) may play an anti-inflammatory role, and may be a valuable diagnostic parameter for monitoring macrophage activation in inflammatory conditions.



Western blot analysis of CD163 expression in Human fetal kidney lysate.

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