

30-1453: Anti-CD163 Monoclonal Antibody (Clone:GHI/61)

Clonality :	Monoclonal
Clone Name :	GHI/61
Application :	FACS
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	CD163
Gene ID :	9332
Uniprot ID :	Q86VB7
Format :	Purified
Alternative Name :	CD163,M130
Isotype :	Mouse IgG1
Immunogen Information :	Hairy cell leukemia cells

Description

CD163, also known as M130, is a member of the scavenger receptor family, accounting for the clearance of hemoglobin-haptoglobin complexes during limited hemolysis, which protects the body, in particular the kidneys, against heme-mediated oxidative damages. It does not have measurable affinity for noncomplexed hemoglobin or haptoglobin. Immunomodulatory role of CD163 has been postulated. CD163 is expressed by cells of the monocyte-macrophage lineage and its extracellular part also circulates in plasma as a soluble protein, especially during sepsis and other conditions affecting macrophage activity, when its level may raise manyfold.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1mg/ml, Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 µg/ml.

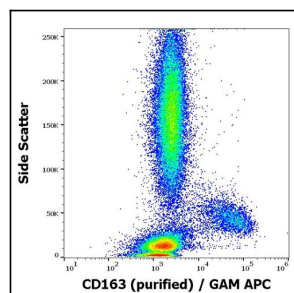


Figure 1: Flow cytometry of PBMC using anti- h CD163 purified antibody