

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

| Clonality : | Monoclonal |
|-------------------------|---------------------------|
| Clone Name : | GHI/61 |
| Application : | IP,FACS,WB |
| Reactivity : | Human |
| Conjugate : | Biotin |
| Gene : | CD163 |
| Gene ID : | 9332 |
| Uniprot ID : | Q86VB7 |
| 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 hemoglobinhaptoglobin 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 |
| Storage condition : | Store at 2-8°C. Do not freeze. |

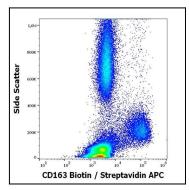


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD163 (GHI/61) Biotin antibody

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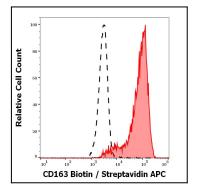


Figure 2: Separation of human monocytes (red-filled) from lymphocytes (blackdashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD163 (GHI/61) Biotin antibody