

**CD163 Recombinant Rabbit mAb**

Catalog: BS48028

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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. Induces a cascade of intracellular signals that involves tyrosine kinase-dependent calcium mobilization, inositol triphosphate production and secretion of IL6 and CSF1 (By similarity).

**Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

**Molecular Weight:**

150 kDa

**Swiss-Prot:**

Q2VLH6

**Purification&Purity:****Affinity Purification****Applications:**

WB: 1:1000&lt;br /&gt;IHC: 1:50

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of extracts from Mouse spleen tissue at 1:1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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