

# **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<br />IHC: 1:50

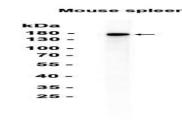
#### Storage&Stability:

Store at  $4 \,^{\circ}$  short term. Aliquot and store at  $-20 \,^{\circ}$  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.

#### Bioworld Technology, Inc. Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA. Email: info@bioworlde.com Tel: 6123263284 Fax: 6122933841

#### Bioworld technology, co. Ltd. Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China. Email: info@biogot.com Tel: 0086-025-68037686 Fax: 0086-025-68035151