

## CD163

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**125kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CD163

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

M130; MM130;

**Catalog #:**A8383

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9332

**Isotype:**IgG

**Swiss Prot:**Q86VB7

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

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