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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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