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# **Recombinant CD163 Monoclonal Antibody**

catalog number: AN300608L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human CD163 protein

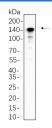
HostRabbitIsotypeIgG,KCloneB543PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

#### Data



Western Blot with Recombinant CD163 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse spleen cell

lysate.

Observed-MW:150 kDa Calculated-MW:125 kDa

# Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **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.