

Anti-Monkey CD163 PolymAb®

Catalog No.: A28748PM

Basic Information

Observed MW

Calculated MW

121 kDa/125 kDa

Category

Primary antibody

Applications

IHC-P

Cross-Reactivity

Cynomolgus monkey

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.

Recommended Dilutions

IHC-P 1:20000 - 1:80000

Immunogen Information

Gene ID

9332/93671

Swiss Prot

Q86VB7/Q2VLH6

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

M130; MM130; SCAR11; CD163v2; CD163v3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

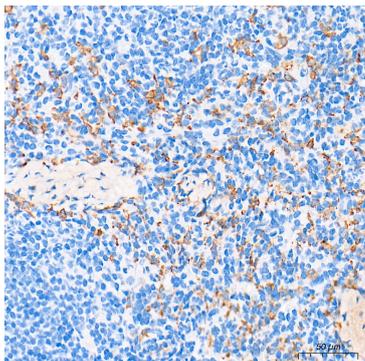
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey spleen tissue using Anti-Monkey CD163 PolymAb® (A28748PM) at a dilution of 1:40000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.