Nur für Forschungszwecke

CD163 Monoklonaler Antikörper

Katalog-Nr.:APC-65169

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Allgemeine Informationen

Katalog-Nr.:
APC-65169

Größe:
100tests , 10 µl/test

Wirt:
Maus

Isotyp:
Mouse IgG1 kappa

GenBank-Zugangsnummer:
BC051281

GeneID (NCBI):
9332

Vollständiger Name:
CD163 molecule

Berechneté Masse:
1156 aa, 125 kDa

Reinigungsmethode:
Der gereinigte Antikörper ist mit Allophycocyanin (APC) unter optimalen Bedingungen konjugiert. Das Konjugat wird mit Größenausschluss-Chromatographie gereinigt.

CloneNo.:
GHI/61

Anregungs-/Emissionsmaxima-Wellenlängen:
650 nm / 660 nm

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Human

Hintergrundinformationen

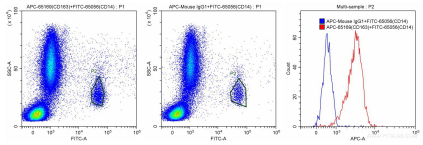
CD163, also known as M130, is a membrane glycoprotein which belongs to the scavenger receptor superfamily (PMID: 8370408). It is an acute phase-regulated and signal-inducing macrophage protein expressed exclusively in monocytes and tissue macrophages (PMID: 11196644). CD163 mediates endocytosis of haptoglobin-haemoglobin complexes (PMID: 11196644). The uptake of haptoglobin by macrophages contributes to the recycling of iron and also to the inflammatory response (PMID: 22900885). Soluble CD163 (sCD163), as a result of ectodomain shedding during inflammatory activation of macrophages, circulates in blood and has been suggested as a plasma/serum marker for macrophage activity (PMID: 12570164).

Lagerung

Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.
Lagerungspuffer:
PBS mit 0,1% Natriumazid.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Ausgewählte Validierungsdaten



100 ul human peripheral blood were surface stained with 10 ul FITC Anti-Human CD14 (FITC-65056, Clone: UCHM-1), and 10 ul APC Anti-Human CD163 (APC-65169, Clone: GHI/61) or APC Mouse IgG1 isotype control. Cells were then treated with red blood cell lysis buffer and were gated for CD14+ monocytes for analysis of CD163 staining. Cells were not fixed.