

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD163

Numéro de catalogue: APC-65169



Informations de base

Numéro de catalogue:

APC-65169

Taille:

100 tests, 10 µl/test

Hôte:

Mouse

Isotype:

Mouse IgG1 kappa

Numéro d'acquisition GenBank:

BC051281

Identification du gène (NCBI):

9332

Nom complet:

CD163 molecule

MW calculé

1156 aa, 125 kDa

Méthode de purification:

L'anticorps purifié est conjugué à l'allophycocyanine (APC) dans des conditions optimales. Le conjugué est purifié par chromatographie d'exclusion de taille.

CloneNo.:

GHI/61

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain

Informations générales

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).

Stockage

Stockage:

Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 %.

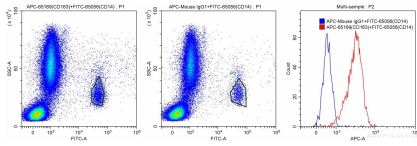
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



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.