For Research Use Only

Human CD11b Magnetic Beads

Catalog Number: MS008

www.ptgcn.com

Description

CD11b is the -chain of integrin receptor CD11b/CD18 (also known as M 2, Mac-1, and CR3), is highly expressed on the surface of innate immune cells, including macrophages, neutrophils, eosinophils and basophils. Human CD11b Magnetic Beads Kit is used for isolation or depletion of human CD11b myeloid lineage cells from PBMC, whole blood, or other sample types. CD11b positive cells and negative cells could be separated after short incubation with Human CD11b Magnetic Beads on a magnet. CD11b positive cells remain attached to magnetic beads after separation and can be used for further molecular analysis or in vitro culture, but not suitable for flow cytometry analysis. CD11b negative cells remain in the supernatant and can be used also.

Components

MS008-10: 100 μL 10 mg/mL human CD11b magnetic beads
MS008-100: 1 mL 10 mg/mL human CD11b magnetic beads

Package

10 test/100 test

Storage

2-8°C

Storage buffer

PBS, pH7.4, 0.2% BSA and 0.05% Sodium Azide

Reactivity

Human

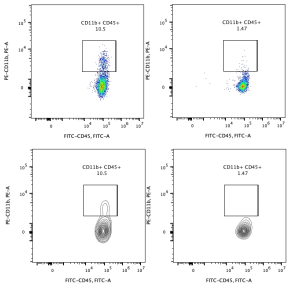
Recommend usage

10 μL Human CD11b Magnetic Beads for $1*10^7$ cells

Beads Diameter

2.7 μm

Results



Representative example of depletion: Following cell separation, cell suspension was stained with FITC-CD45(F10-89-4) and PE-CD11b(ICRF44) antibodies. All viable cells are gated in the analysis. Left panel: CD11b+CD45+ cells before selection. Right panel: CD11b+CD45+ cells after depletion. Human CD11b magnetic beads are... tested using PBMC from three donors.