

Human CD8 Magnetic Beads

Catalog#/Size: MS004-10/10 test

MS004-100/100 test

Description

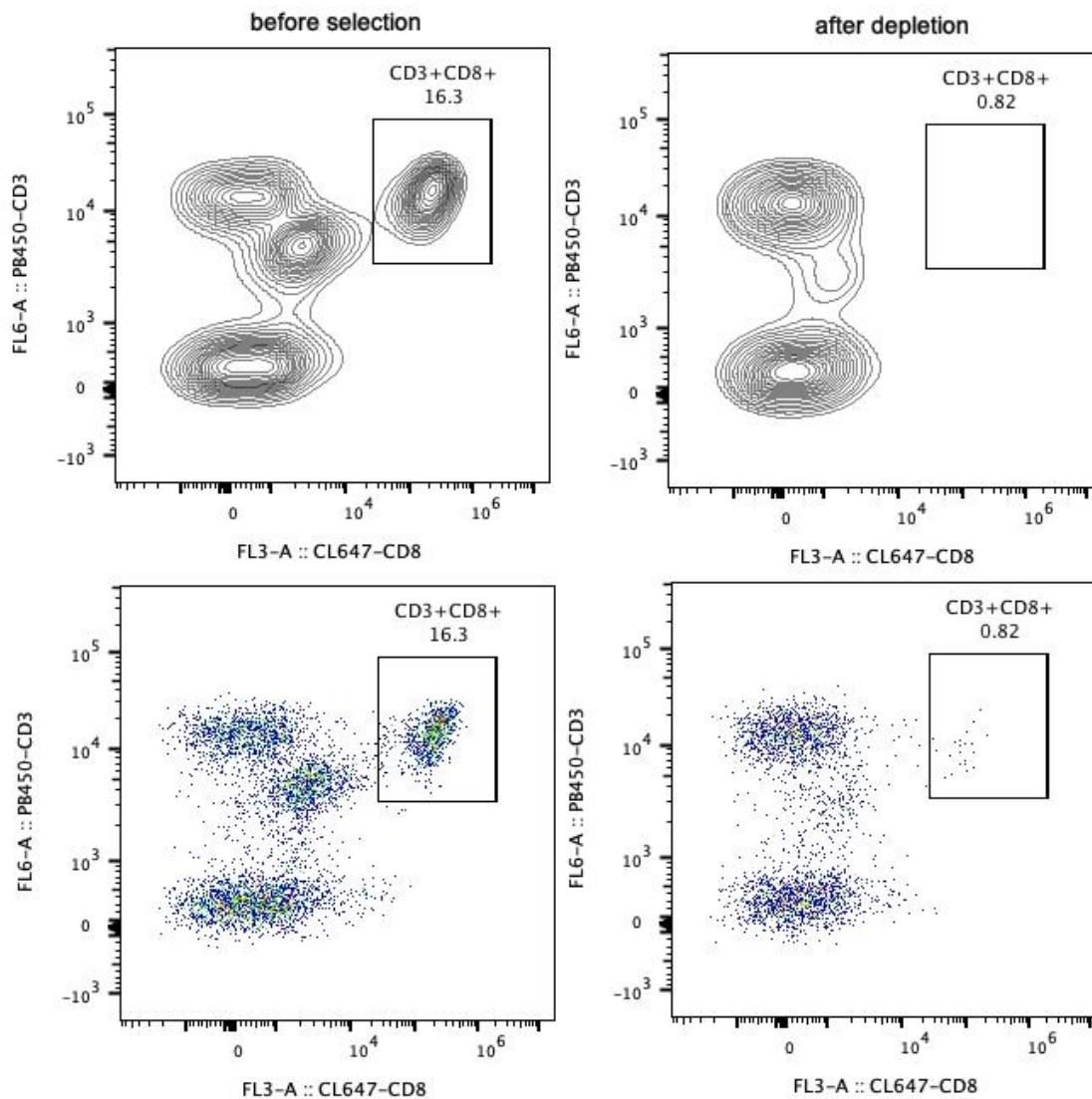
CD8 is a cell surface glycoprotein found on most cytotoxic T lymphocytes and is used as a marker for these cells. It acts as a coreceptor for T cell receptor and functions to recognize MHC-I antigens. 10%-30% human lymphocytes are CD8 positive. Human CD8 Magnetic Beads are used for isolation or depletion of human CD8+ T lymphocytes from PBMC, whole blood, or other sample types. Following incubation with human CD8 antibody conjugated magnetic beads, the cell sample is placed on a magnet. CD8+ cells remain attached to magnetic beads after separation and can be used for downstream applications, such as in cell expansion, but are not suitable for flow cytometry analysis. CD8- cells remain in supernatant and can also be used for further applications.

Product Details

Components	MS004-10: 100µL 10mg/mL Human CD8 Magnetic Beads MS004-100: 1mL 10mg/mL Human CD8 Magnetic Beads
Reactivity	Human
Beads Diameter	2.7µm
Storage buffer	PBS, pH7.4, 0.2% BSA and 0.05% Sodium Azide
Storage temperature	2-8 °C
Recommend usage	10µL Human CD8 Magnetic Beads for 1x10 ⁷ cells

Representative example of depletion

Following depletion of CD8+ cells, supernatant cell suspension was stained with PB450-CD3(clone: HIT3a) and CL647-CD8(clone: OKT8) antibodies. CD45 positive cells are gated in the analysis. Left panel: CD3+CD8+ cells before selection. Right panel: CD3+CD8+ cells after depletion. Human CD8 magnetic beads are tested using PBMC from three different donors.



For technical support for this product please contact:

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