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10-4091: Monoclonal Antibody to CD8 (Clone: RPAT8)

Clonality :	Monoclonal
Clone Name :	RPAT8
Application :	FACS
Reactivity :	Human
Gene :	CD8A
Gene ID :	925
Uniprot ID :	P01732
Format :	Purified
Alternative Name :	CD8A,MAL
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	Full length CD8a-alpha chain was used as the immunogen for this antibody.

Description

CD8 membrane glycoprotein that is expressed on cytotoxic T-cells where it interacts with MHC class I processed antigens. CD8 also regulates T-cell activation and differention. CD8 has two isoforms (25 and 21 kDa) CD8 can function either as a homodimer (two alpha chains) or as a heterodimer (one alpha and one beta chain). CD8 is highly expressed in T lymphocyte, peripheral blood T-lymphocytes, thymus, spleen and lymphocyte.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

FACS analysis: 0.5 µg/10^6 cells

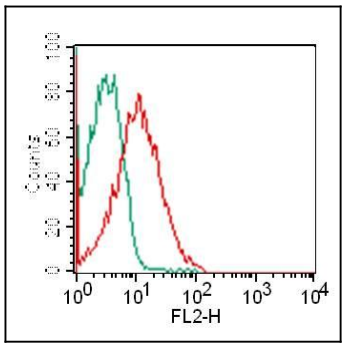


Fig-1: Cell Surface flow analysis of hCD8 in PBMC (Lymphocytes) using 0.5 µg/10^6 cells. Green represents isotype control (ABEOMICS); red represents anti-hCD8 antibody (10-4091). Goat anti-mouse PE conjugated secondary antibody (ABEOMICS) was used.

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