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

Clonality: Monoclonal RPAT8 Clone Name: 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: $25 \mu g / 100 \mu g$

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:

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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

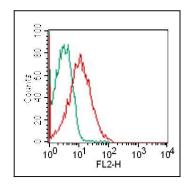


Fig-1: Cell Surface flow analysis of hCD8 in PBMC (Lymphocytes) using 0.5 µg/10^6 cells. Green represents isotype control (ABEOMICS); red represents anti-hCD8 antibody (10-4091). Goat anti-mouse PE conjugated secondary antibody (ABEOMICS) was used.