

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RPAT8
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD8A
<b>Gene ID :</b>	925
<b>Uniprot ID :</b>	P01732
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD8A,MAL
<b>Isotype :</b>	Mouse IgG1 Kappa
<b>Immunogen Information :</b>	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 differentiation. 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

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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<sup>6</sup> cells

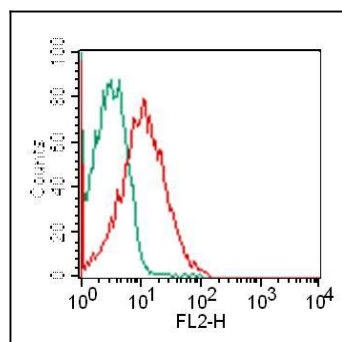


Fig-1: Cell Surface flow analysis of hCD8 in PBMC (Lymphocytes) using 0.5 µg/10<sup>6</sup> cells. Green represents isotype control (ABEOMICS); red represents anti-hCD8 antibody (10-4091). Goat anti-mouse PE conjugated secondary antibody (ABEOMICS) was used.