

### 36-1880: Monoclonal Antibody to CD8B (Cytotoxic / Suppressor T-Cell Marker)(Clone : BU88)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	BU88
<b>Application :</b>	ELISA,FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD8B
<b>Gene ID :</b>	926
<b>Uniprot ID :</b>	P10966
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD8B,CD8B1
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Human CD8 beta

#### Description

The T cell receptor (TCR) is a heterodimer composed of chains. CD3 chains and the CD4 or CD8 co-receptors are also required for efficient signal transduction through the TCR. The TCR is expressed on T helper and T cytotoxic cells that can be distinguished by their expression of CD4 and CD8. T helper cells express CD4 proteins and T cytotoxic cells display CD8. CD8 (also designated Leu 2 or T8), a cell surface glycoprotein, is a two chain complex receptor that binds class I MHC molecules presented by the antigen-presenting cell (APC). A primary function of CD8 is to facilitate antigen recognition by the TCR and to strengthen the avidity of the TCR-antigen interactions. An additional role for CD8-expressing T cells may be to maintain low levels of HIV expression.

#### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 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

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);