

### 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);