

## 43-1062: Monoclonal Antibody to Mouse CD122 NALE™ Purified (Clone: TM-beta1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	TM-beta1
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Il2rb
<b>Gene ID :</b>	16185
<b>Uniprot ID :</b>	P16297
<b>Alternative Name :</b>	High affinity IL-2 receptor subunit beta, p70-75
<b>Isotype :</b>	Rat IgG2b

### Description

The TM-beta1 monoclonal antibody specifically reacts with mouse CD122, a beta chain shared by the IL-2 and IL-15 receptors. It is expressed by B cells, T cells, and NK cells and can be used as a marker for NK-cell progenitors. CD122 forms complexes involved in immunoregulation and signal transduction. The TM-beta1 antibody is reported to block the binding of IL-2 and IL-15 to the IL-2 beta receptor.

### Product Info

<b>Amount :</b>	100ug / 500 µg
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.