

### 43-1033: Monoclonal Antibody to Mouse CD25 NALE™ Purified (Clone: PC61.5)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PC61.5
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Il2ra
<b>Gene ID :</b>	16184
<b>Uniprot ID :</b>	P01590
<b>Alternative Name :</b>	Il2r, p55
<b>Isotype :</b>	Rat IgG1, lambda

#### Description

The PC61.5 antibody specifically reacts with mouse CD25, the 55 kDa low-affinity Interleukin-2 Receptor Alpha chain (IL-2R Alpha), expressed on early progenitors of T and B lineage, and on B and T cells. Together with CD122 (IL-2 Receptor Beta) and CD 132 (IL-2 Receptor Gammac, the common gamma chain), CD25 forms high-affinity receptor complexes for IL-2. Resting B and T cells and natural killer cells do not express IL-2RAlpha. Cd25 is also expressed on the dendritic cells, and it enhances lymphocyte differentiation and activation. The PC61.5 antibody block the binding of IL-2 to both high-affinity and low-affinity receptors.

#### Product Info

<b>Amount :</b>	100ug / 500 µg
<b>Content :</b>	2 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. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

#### 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.