

## 43-1049: Monoclonal Antibody to Rat CD28 NALE™ Purified (Clone: JJ319)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	JJ319
<b>Application :</b>	FACS
<b>Reactivity :</b>	Rat
<b>Gene :</b>	Cd28
<b>Gene ID :</b>	25660
<b>Uniprot ID :</b>	P31042
<b>Alternative Name :</b>	T-cell-specific surface glycoprotein CD28, CD28
<b>Isotype :</b>	Mouse IgG1

### Description

The JJ319 monoclonal antibody specifically reacts with rat CD28, a 44 kDa glycoprotein member of the immunoglobulin superfamily. CD28 is expressed on alpha/beta TCR+ T cells, some gamma/delta TCR+ T cells and a subset of NK cells. CD28 is a costimulatory receptor required for T cell activation. Its ligands are CD80 (B7-1) and CD86 (B7-2).

### Product Info

<b>Amount :</b>	50ug / 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. 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.