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30-2598: Anti-Rat CD28 Low Endotoxin Antibody (Clone : JJ319)(Discontinued)

Clonality :	Monoclonal
Clone Name :	JJ319
Application :	Functional Assay
Reactivity :	Rat
Gene :	CD28
Gene ID :	25660
Format :	Low Endotoxin
Alternative Name :	Tp44,CD28 molecule
Isotype :	Mouse IgG1 kappa
Immunogen Information :	Mouse A20J B lymphoma cells transfected with rat CD28

Description

CD28 is the critical T cell costimulatory receptor which provides to the cell the important second activation signal by binding CD80 and CD86 that are expressed by antigen presenting cells. Besides its costimulation role CD28 functions in preventing T cells from anergic hyporesponsive state or from undergoing premature apoptotic cell death. CD28 is also expressed on human fetal NK cells and some NK cell lines, whereas on murine NK cells the CD28 expression is much broader.
Specificity : The mouse monoclonal antibody JJ319 reacts with an extracellular epitope of CD28, a disulfide-linked homodimeric type I glycoprotein (monomer of Mw 44 kDa) which is a critical costimulatory receptor of T cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml Formulation : Low endotoxin azide free phosphate buffered saline (PBS) solution, 0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein, as determined by the LAL test.
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 2-5 µg/ml.
Functional application: Costimulation.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.