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30-2072: Anti-CD28 Monoclonal Antibody (Clone:JJ319)-FITC Conjugated

Clonality :	Monoclonal
Clone Name :	JJ319
Application :	FACS, IP, Functional Assay
Reactivity :	Rat
Conjugate :	FITC
Gene :	Cd28
Gene ID :	25660
Uniprot ID :	P31042
Alternative Name :	Cd28
Isotype :	Mouse IgG1
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. Its analog CTLA-4, expressed on the surface of activated T cells, has higher affinity to CD80 and CD86 than CD28 and downregulates T cell activity.

Product Info

Amount :	0.1 mg
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

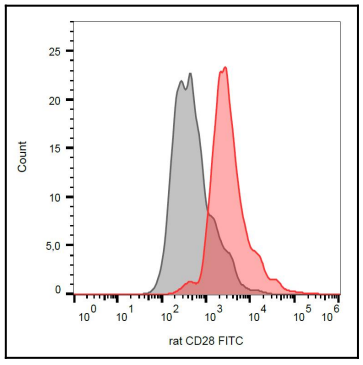


Figure 1: Surface staining of rat thymocytes with anti-rat CD28 (JJ319) FITC.

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