

CD28 Monoclonal Antibody (JJ319), PE, eBioscience™

Product Details	
Size	200 µg
Species Reactivity	Rat
Host/Isotype	Mouse / IgG1
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	JJ319
Conjugate	PE
Excitation/Emission Max	565/576 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_465619

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	-

Product Specific Information

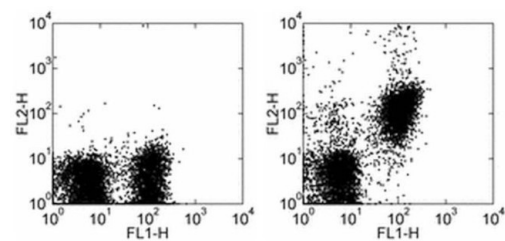
Description: The JJ319 monoclonal antibody reacts with the rat CD28 molecule, expressed by thymocytes, mature T cells, and a subset of NK cells. CD28 is a ligand for CD80 (B7-1) and CD86 (B7-2) and is a potent costimulator of T cells. Signaling through CD28 augments IL-2 and IL-2 receptor expression as well as cytotoxicity of CD3-activated T cells. No reactivity of JJ319 is observed on mouse T cells.

Applications Reported: The JJ319 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This JJ319 antibody has been tested by flow cytometric analysis of rat splenocytes. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 488-561 nm; Emission: 578 nm; Laser: Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.



CD28 Antibody (12-0280-83) in Flow

Staining of rat splenocytes with Anti-Rat CD5 FITC (Product # 11-0050) and 0.25 µg of Mouse IgG1 K Isotype Control PE (Product # 12-4714-81) (left) or 0.25 µg of Anti-Rat CD28 PE (right). Total viable cells were used for analysis.

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