

Anti-Rat CD28 (JJ319) In Vivo Antibody - Low Endotoxin

Product Code: ICH1254

More Information

Species Reactivity: Rat

Target: CD28

Concentration: >5mg/ml

Isotype: Mouse IgG1 Kappa

Host: Mouse

product name H2: Anti-Rat CD28 (JJ319) In Vivo Antibody - Low Endotoxin

UniProt: P31042

Shipping Conditions: Blue ice

background: CD28 provides the critical co-stimulatory signal that, together with TCR engagement, drives full T-cell activation, proliferation, and cytokine production. Clone JJ319 is a mouse IgG1 kappa monoclonal antibody recognising rat CD28, validated for blocking, ELISA, flow cytometry, immunofluorescence, and immunoprecipitation. Anti-CD28 JJ319 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. This non-therapeutic reagent, intended for research use only, delivers reproducible lot-to-lot performance for rat T-cell co-stimulation and activation studies that demand consistent bulk supply.

Other names: T-cell-specific surface glycoprotein CD28

clone: JJ319

Purification Method: Protein A



Formulation: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Purity: ≥95% monomer by analytical SEC, >95% by SDS Page

Endotoxin: 1.0 EU/mg as determined by the LAL method

Storage: Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. Avoid Repeated Freeze Thaw Cycles.

Applications: B,ELISA,FC,IF,IP

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.