Anti-Mouse CD29 (KMI6) In Vivo Antibody - Low Endotoxin

Product Code: ICH1256

More Information

Species Reactivity: Mouse

Target: CD29

Concentration: >5mg/ml

Isotype: Rat IgG2a Kappa

Host: Rat

product name H2: Anti-Mouse CD29 (KMI6) In Vivo Antibody - Low Endotoxin

UniProt: P09055; P49134;P09055;P49134;P09055;P49134;;P49134

Shipping Conditions: Blue ice

background: CD29 is the integrin beta-1 chain that pairs with multiple alpha subunits to form receptors mediating cell adhesion to extracellular matrix and downstream signalling. Clone KMI6 is a rat IgG2a kappa monoclonal antibody recognising mouse CD29, validated for ELISA, electron microscopy, functional assays, flow cytometry, immunofluorescence microscopy, immunoprecipitation, neutralization, and Western blot. Anti-CD29 KMI6 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, research-use-only reagent provides reproducible performance for integrin and cell-adhesion research.

Other names: Integrin beta-1, Fibronectin receptor subunit beta, VLA-4 subunit beta

clone: KMI6

Purification Method: Protein G

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: ELISA,EM,FA,FC,IF Microscopy,IP,N,WB

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