

Anti-Mouse CD18 (C71/16) In Vivo Antibody - Low Endotoxin

Product Code: ICH1225

More Information

Species Reactivity: Mouse

Target: CD18

Concentration: ≤ 2.0 mg/ml

Isotype: Rat IgG2a

Host: Rat

product name H2: Anti-Mouse CD18 (C71/16) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level $\leq 5\%$

Immunogen: Cell membrane glycoproteins from mouse T-cell lymphoma BW5147

Buffer: ICH3002-100ml

UniProt: P05107;P11835

Shipping Conditions: Blue ice

background: CD18 is the common beta-2 integrin chain that pairs with alpha subunits to form leukocyte adhesion molecules essential for immune-cell trafficking and adhesion. Clone C71/16 is a rat IgG2a monoclonal antibody recognising mouse CD18, validated for in vivo studies. Anti-CD18 C71/16 is supplied in a low-endotoxin format suitable for in vivo use and is manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it offers reproducible, lot-consistent performance for mouse leukocyte adhesion, integrin biology, and inflammation research.

Other names: Integrin beta-2, Mac-1 beta, macrophage antigen-1 beta, complement receptor C3 subunit beta, lymphocyte function associated antigen 1, cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta, 2E6, LAD, Cd18, Lfa1, MF17, LCAMB, AI528527

clone: C71/16

Purification Method: This monoclonal antibody was purified using Protein G

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

Purity: >95% by SDS-PAGE and HPLC

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

Storage: This low endotoxin antibody is stable when stored at 2-8°C for at least four (4) weeks. For long-term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: In vivo

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