

Anti-Mouse integrin β 7 (FIB21) In Vivo Antibody - Low Endotoxin

Product Code: ICH1234

More Information

Species Reactivity: Mouse, Human

Target: Integrin Beta 7

Concentration: \leq 2.0 mg/ml

Isotype: Rat IgG2a

Host: Rat

product name H2: Anti-Mouse integrin β 7 (FIB21) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Immunogen: TK1 cells

Buffer: ICH3002-100ml

UniProt: P26011

Shipping Conditions: Blue ice

background: Integrin beta-7 partners with alpha4 and alphaE chains to form adhesion receptors that direct lymphocyte homing to gut and mucosal tissues. Clone FIB21 is a rat IgG2a monoclonal antibody recognising mouse and human integrin beta-7, validated for blocking, flow cytometry, and in vivo use. Anti-integrin beta-7 FIB21 is supplied in a low-endotoxin format suitable for in vivo applications and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. This non-therapeutic, research-use-only reagent delivers reproducible, lot-consistent performance for mucosal immunology, lymphocyte trafficking, and gut-inflammation research.

clone: FIB21



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: Blocking, Flow Cytometry, in vivo

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