Anti-Mouse MAdCAM-1 (MECA-367) In Vivo Antibody - Low Endotoxin

Product Code: ICH1215

More Information

Species Reactivity: Mouse

Target: MAdCAM-1

Concentration: 1.0 - 5.0 mg/ml

Isotype: Rat IgG2a kappa

Host: Rat

product name H2: Anti-Mouse MAdCAM-1 (MECA-367) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level ≤ 5%

Immunogen: MAdCAM-1

Buffer: ICH3001-100ml ICH3002-100ml ICH3003-100ml

UniProt: Q61826

Shipping Conditions: Blue ice

background: Lymphocyte recruitment to gut mucosa depends on MAdCAM-1, an addressin expressed on mucosal endothelium that binds integrin alpha4beta7 to direct immune-cell homing. The rat IgG2a kappa monoclonal clone MECA-367 targets mouse MAdCAM-1 and is validated for in vivo work. This MECA-367 antibody is offered low in endotoxin for in vivo use and produced in scalable milligram to gram quantities to support high-throughput and heavy-usage laboratories. Designated for research use only and non-therapeutic, it provides reliable batch-to-batch consistency for studies of mucosal immunity, lymphocyte trafficking, and gut inflammation in mouse models.

Other names: Mucosal addressin cell adhesion molecule-1

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clone: MECA-367

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

Application Notes: This isotype control antibody should be used at the same concentration as the primary antibody.

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