

Anti-Mouse CD48 (HM48-1) In Vivo Antibody - Low Endotoxin

Product Code: ICH1223

More Information

Species Reactivity: Mouse

Target: CD48

Concentration: ≤ 2.0 mg/ml

Isotype: Armenian Hamster IgG

Host: Armenian Hamster

product name H2: Anti-Mouse CD48 (HM48-1) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level $\leq 5\%$

Immunogen: Mouse T Lymphoma MBL-2

Buffer: ICH3002-100ml

UniProt: P18181

Shipping Conditions: Blue ice

background: CD48 is a GPI-anchored member of the SLAM family expressed broadly on haematopoietic cells, where it engages CD2 and 2B4 to modulate lymphocyte adhesion and activation. Clone HM48-1 is an Armenian hamster IgG monoclonal antibody recognising mouse CD48, validated for in vivo use. Anti-CD48 HM48-1 is supplied in a low-endotoxin format suitable for in vivo applications and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a non-therapeutic reagent for research use only, it gives reproducible, lot-consistent results for mouse immune-cell adhesion and SLAM-family signalling studies.

Other names: BCM1, B-cell Membrane Protein, BLAST1



clone: HM48-1

Purification Method: This monoclonal antibody was purified using Protein A

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.