Anti-Mouse CD18 (M18/2) In Vivo Antibody - Low Endotoxin

Product Code: ICH1267

More Information

Species Reactivity: Mouse

Target: CD18

Concentration: >1.0 mg/ml

Isotype: Rat IgG2a

Host: Rat

product name H2: Anti-Mouse CD18 (M18/2) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level ≤ 5%

Buffer: ICH3002

UniProt: P05107;P11835

Shipping Conditions: Blue ice

background: CD18 is the common beta-2 integrin chain that pairs with alpha subunits to mediate leukocyte adhesion, migration, and immune-cell interactions. Clone M18/2 is a rat IgG2a monoclonal antibody against mouse CD18, validated for flow cytometry, IHC, immunoprecipitation, Western blotting, blocking, and stimulation assays. Supplied in a low-endotoxin format suitable for in vivo use, anti-CD18 clone M18/2 is manufactured in scalable milligram to gram quantities to support bulk and high-throughput laboratories. Researchers rely on M18/2 for consistent performance in leukocyte-adhesion and integrin-function studies, with this preparation provided strictly for research use only.

Other names: Integrin Beta 2, ITGB2

clone: M18/2

Specificity: CD18

Purification Method: This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% by SDS-PAGE

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

Storage: Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at –20°C or –80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Flow Cytometry, IHC, Immunoprecipitation, Western Blotting, Blocking, Stimulation

Application Notes: This antibody is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

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