

Anti-Mouse TREM2 (178) In Vivo Antibody - LALAPG

Product Code: ICH1262LALAPG

More Information

Species Reactivity: Mouse

Target: TREM2

Concentration: >1.0 mg/ml

Isotype: Mouse IgG2a

Host: Mouse

product name H2: Anti-Mouse TREM2 (178) In Vivo Antibody - LALAPG

Buffer: ICH3002

UniProt: Q99NH8

background: TREM2 is an innate immune receptor on myeloid cells, particularly microglia, that regulates phagocytosis, survival, and inflammatory responses and is a focus of neurodegeneration research. The recombinant mouse IgG2a clone 178.0, engineered with LALAPG Fc-silencing mutations to minimise effector function, recognises mouse TREM2 and is validated for blocking, ELISA, functional assays, flow cytometry, and in vivo work. This 178.0 LALAPG antibody is supplied low in endotoxin for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. It is a non-therapeutic, research-use-only reagent offering reproducible results for microglial and TREM2-pathway studies.

Other names: Triggering receptor expressed on myeloid cells 2

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: Blocking, ELISA, Functional Assays, Flow Cytometry, in vivo

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.