

Anti-Mouse CD47 (MIAP301) In Vivo Antibody - Low Endotoxin

Product Code: ICH1282

More Information

Species Reactivity: Mouse

Target: CD47

Isotype: Rat IgG2a

Host: Rat

product name H2: Anti-Mouse CD47 (MIAP301) In Vivo Antibody - Low Endotoxin

Buffer: ICH3001

UniProt: Q08722;Q08722;Q61735;P97829;Q08722;Q61735;P97829;;Q61735

Shipping Conditions: Blue ice

background: Functioning as a broadly expressed 'don't eat me' signal, CD47 engages SIRPalpha to inhibit macrophage phagocytosis, a central axis in innate immunity and cancer research. Clone MIAP301 is a rat IgG2a monoclonal antibody against mouse CD47, validated for ELISA, functional assays, and neutralization. Anti-mouse CD47 clone MIAP301 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. With dependable reproducibility, MIAP301 is a reliable reagent for phagocytosis-checkpoint and macrophage biology studies, offered for research use only.

Other names: Integrin-associated protein, IAP, Itgp, gp42

clone: MIAP301

Specificity: Mouse CD47



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: 0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.

Purity: >95% by SDS-PAGE under reducing conditions and HPLC.

Endotoxin: 1 EU per 1 mg of the protein 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: ELISA, Functional Assays, Neutralization

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