

Macrophage Depletion & Validation Kit

Product Code: ICH8266

More Information

Species Reactivity: Mouse

Concentration: >1mg/ml, 5 µL/Test

Isotype: Rat IgG2a Kappa, Rat IgG2b Kappa

Host: Rat

product name H2: Macrophage Depletion & Validation Kit

background: Background: Tumor-associated macrophages (TAMs) are notoriously difficult to deplete and accurately quantify in the tumor microenvironment. Standard depletion protocols utilizing Anti-CSF1R antibodies can complicate downstream flow cytometry analysis if the validation clones compete for the same receptor space. To guarantee accurate immune profiling, ichorbio has engineered a dual-target Macrophage Depletion & Validation Kit. We utilize our low endotoxin Anti-Mouse CSF1R (Clone AFS98) to drive the in vivo depletion by blocking the colony-stimulating factor 1 receptor. For validation, the kit includes Clone Cl:A3-1, which targets the F4/80 macrophage surface protein. By targeting two entirely different structural markers on the macrophage, this kit provides a foolproof, masking-free readout of your in vivo depletion efficacy. Kit Includes: The Depletor: Anti-Mouse CSF1R / CD115 In Vivo Antibody (Clone AFS98) - Low Endotoxin (1.0 EU/mg) The Validation Readout: Anti-Mouse F4/80 Flow Antibody (Clone Cl:A3-1) - 100 Tests (Available in FITC, PE, or APC)

clone: AFS98 and Cl:A3-1

Specificity: CD115, F4/80

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

Formulation: Depletion antibody: Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free. Validation Antibody:



Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Storage: Depletion antibody: Can be frozen. Validation antibody: can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.

Applications: In vivo, Flow Cytometry