

CD8+ T-Cell Depletion & Validation Kit

Product Code: ICH8265

More Information

Species Reactivity: Mouse

Concentration: >1mg/ml, 5 μ L/Test

Isotype: Rat IgG2b, Rat IgG1 Kappa

Host: Rat

product name H2: CD8+ T-Cell Depletion & Validation Kit

background: Background: Depleting cytotoxic CD8+ T-cells in syngeneic mouse models is essential for determining the mechanism of action of immunotherapies. However, standard CD8 depletion protocols often suffer from epitope masking. Because common in vivo depleters (like Clone YTS 169.4 and Clone 2.43) bind heavily to the CD8 alpha (α) chain, attempting to validate the depletion with standard flow antibodies (like clone 53-6.7, which also binds the alpha chain) will result in failed staining and inaccurate data. ichorbio's CD8 Depletion & Validation Kit eliminates this structural conflict. We have paired our premium in vivo depleter with Clone 53-5.8, a specialized flow cytometry antibody that strictly targets the CD8 beta (β) chain. Because the alpha and beta chains are distinct physical structures, your flow validation will remain highly accurate and completely unaffected by the presence of the depleting antibody in the mouse's system. Kit Includes: The Depleter: Anti-Mouse CD8a In Vivo Antibody (Clone YTS 169.4 or Clone 2.43) - Low Endotoxin (1.0 EU/mg) The Validation Readout: Anti-Mouse CD8b Flow Antibody (Clone 53-5.8) - 100 Tests (Available in FITC, PE, or APC)

clone: YTS 169.4 OR Clone 2.43 and 53-5.8

Specificity: CD8b.2

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