

Anti-Mouse CD28 (D665) In Vivo Antibody - Low Endotoxin

Product Code: ICH1271

More Information

Species Reactivity: Mouse

Target: CD28

Concentration: >1.0 mg/ml

Isotype: Mouse IgG1

Host: Mouse

product name H2: Anti-Mouse CD28 (D665) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Buffer: ICH3002

UniProt: P31041

Shipping Conditions: Blue ice

background: CD28 is the principal co-stimulatory receptor on T cells, delivering the second signal required for full activation and clonal expansion. Clone D665 is a mouse IgG1 monoclonal antibody against mouse CD28, validated as an agonist and for flow cytometry. Anti-CD28 clone D665 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities, supporting bulk and high-throughput T-cell studies. Researchers depend on D665 for reproducible co-stimulation and T-cell activation experiments, with this preparation provided strictly for research use only.

Other names: Tp44, T44

clone: D665

Specificity: CD28

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: Agonist, Flow Cytometry

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.