

Anti-Human CD71 (OKT-9) In Vivo Antibody - Low Endotoxin

Product Code: ICH1275

More Information

Species Reactivity: Human

Target: CD71

Concentration: >1.0 mg/ml

Isotype: Mouse IgG1

Host: Mouse

product name H2: Anti-Human CD71 (OKT-9) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Buffer: ICH3002

UniProt: P02786

Shipping Conditions: Blue ice

background: CD71, the transferrin receptor, mediates cellular iron uptake and marks proliferating and activated cells across many tissues. Clone OKT-9 is a mouse IgG1 monoclonal antibody recognizing human CD71, validated for flow cytometry, immunofluorescence, immunoprecipitation, and Western blot. Anti-human CD71 clone OKT-9 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities to serve bulk and high-throughput laboratories. Researchers value OKT-9 for consistent detection of the transferrin receptor in proliferation and iron-metabolism studies, with this preparation provided for research use only.

Other names: TfR1, Transferrin Receptor 1, TFRC

clone: OKT-9

Specificity: CD71

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: Flow Cytometry, Immunofluorescence, Immunoprecipitation, Western Blot

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.