Anti-Mouse CD73 (TY/23) In Vivo Antibody - Low Endotoxin

Product Code: ICH1231

More Information

Species Reactivity: Mouse

Target: CD73

Concentration: ≤ 2.0 mg/ml

Isotype: Rat IgG2a Kappa

Host: Rat

product name H2: Anti-Mouse CD73 (TY/23) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level ≤ 5%

Immunogen: BALB/c mouse splenocytes and CHO cells transfected with the mouse CD73 gene

Buffer: ICH3002-100ml

UniProt: Q61503

Shipping Conditions: Blue ice

background: CD73 is an ecto-5'-nucleotidase that converts AMP to adenosine, a key step in the immunosuppressive adenosine signalling that shapes the tumour microenvironment. Clone TY/23 is a rat IgG2a kappa monoclonal antibody recognising mouse CD73, validated for functional assays and flow cytometry. Anti-CD73 TY/23 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it provides reproducible, lot-consistent results for mouse purinergic-signalling, immunometabolism, and tumour immunology research requiring dependable bulk reagents.

Other names: Ecto-5'-nucleotidase

clone: TY/23

Purification Method: This monoclonal antibody was purified using Protein G

Formulation: This antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.

Purity: >95% by SDS-PAGE and HPLC

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This low endotoxin antibody is stable when stored at 2-8°C for at least four (4) weeks. For long-term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Functional Assays, Flow Cytometry

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