

Anti-Mouse/Human IL-5 (TRFK5) In Vivo Antibody - Low Endotoxin

Product Code: ICH1227

More Information

Species Reactivity: Mouse, Human

Target: Interleukin-5

Concentration: ≤ 2.0 mg/ml

Isotype: Rat IgG1

Host: Rat

product name H2: Anti-Mouse/Human IL-5 (TRFK5) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level $\leq 5\%$

Immunogen: Partially-purified T cell clone supernatant

Buffer: ICH3002-100ml

UniProt: P04401

Shipping Conditions: Blue ice

background: Interleukin-5 is a cytokine that drives eosinophil growth, differentiation, and survival and is central to allergic and type-2 immune responses. Clone TRFK5 is a rat IgG1 monoclonal antibody recognising mouse and human IL-5, validated for neutralization, depletion, ELISA capture, ELISPOT, flow cytometry, CyTOF, paraffin IHC, functional assays, Western blotting, and in vivo studies. Anti-IL-5 TRFK5 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 performance for eosinophil and allergy research.

Other names: BCDFII, Interleukin-5, IL5, B cell differentiation factor 1, TRF, EDF



clone: TRFK5

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: CyTOF, Depletion, ELISA Capture, ELISPOT, Functional Assays, Flow Cytometry, IHC Paraffin, in vivo, Neutralization, Western Blotting

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