

# Anti-Mouse CD70 (FR70) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1230

**More Information**

**Species Reactivity:** Mouse

**Target:** CD70

**Concentration:**  $\leq 2.0$  mg/ml

**Isotype:** Rat IgG2b Kappa

**Host:** Rat

**product name H2:** Anti-Mouse CD70 (FR70) In Vivo Antibody - Low Endotoxin

**Aggregation:** Aggregation level  $\leq 5\%$

**Immunogen:** BALB/c mouse B lymphoma A20.J2

**Buffer:** ICH3002-100ml

**UniProt:** P32970

**Shipping Conditions:** Blue ice

**background:** CD70 is a TNF-superfamily ligand for CD27 that provides co-stimulatory signals influencing T-cell activation, memory formation, and immune regulation. Clone FR70 is a rat IgG2b kappa monoclonal antibody against mouse CD70, validated for functional assays, flow cytometry, Western blotting, and in vivo use. Anti-CD70 FR70 is supplied in a low-endotoxin format suitable for in vivo applications and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. This non-therapeutic, research-use-only reagent offers dependable lot-to-lot reproducibility for studies of the CD27/CD70 axis and mouse T-cell co-stimulation.

**Other names:** TNFSF7, KI-24 antigen, CD27 Ligand, CD27L



**clone:** FR70

**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:**  $\leq 1.0$  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, in vivo, Western Blotting

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