

# Anti-Mouse TIM-4 (RMT4-53) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1248

**More Information**

**Species Reactivity:** Mouse

**Target:** TIM-4

**Concentration:** >5mg/ml

**Isotype:** Rat IgG2b Kappa

**Host:** Rat

**product name H2:** Anti-Mouse TIM-4 (RMT4-53) In Vivo Antibody - Low Endotoxin

**UniProt:** Q6U7R4

**Shipping Conditions:** Blue ice

**background:** TIM-4 is a phosphatidylserine receptor on macrophages and dendritic cells that mediates the recognition and clearance of apoptotic cells. Clone RMT4-53 is a rat IgG2b kappa monoclonal antibody recognising mouse TIM-4, validated for blocking and immunofluorescence. Anti-TIM-4 RMT4-53 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. This non-therapeutic reagent, for research use only, gives reproducible, lot-consistent results for studies of efferocytosis, macrophage biology, and immune homeostasis in the mouse.

**Other names:** T cell immunoglobulin and mucin domain containing protein-4

**clone:** RMT4-53

**Purification Method:** Protein G



**Formulation:** This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

**Purity:**  $\geq 95\%$  monomer by analytical SEC,  $> 95\%$  by SDS Page

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

**Storage:** Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at  $\leq -70^{\circ}\text{C}$ . Avoid Repeated Freeze Thaw Cycles.

**Applications:** B, IF

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