

# Anti-Mouse MHC Class I H-2Kk, H-2Dk (15-3-1S) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1235

## More Information

**Species Reactivity:** Mouse

**Target:** MHC Class I (H-2Kk, H-2Dk)

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

**Isotype:** Mouse IgG2a kappa

**Host:** Mouse

**product name H2:** Anti-Mouse MHC Class I H-2Kk, H-2Dk (15-3-1S) In Vivo Antibody - Low Endotoxin

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

**Immunogen:** C3H spleen cells

**Buffer:** ICH3002-100ml

**Shipping Conditions:** Blue ice

**background:** MHC class I molecules H-2Kk and H-2Dk present endogenous peptides to CD8 T cells and are key haplotype markers in mouse immunogenetics. Clone 15-3-1S is a mouse IgG2a kappa monoclonal antibody recognising these H-2k class I antigens, validated for blocking, functional assays, flow cytometry, and immunofluorescence. Anti-MHC class I 15-3-1S 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 offers reproducible lot-to-lot results for antigen-presentation and transplantation immunology research.



**clone:** 15-3-15

**Purification Method:** This monoclonal antibody was purified using Protein A

**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:** Blocking, Functional Assays, Flow Cytometry, Immunofluorescence

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