

# Anti-Mouse MHC class II (I-A) (Y-3P) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1252

## More Information

**Species Reactivity:** Mouse

**Target:** MHC class II (I-A)

**Concentration:** >5mg/ml

**Isotype:** Mouse IgG2a Kappa

**Host:** Mouse

**product name H2:** Anti-Mouse MHC class II (I-A) (Y-3P) In Vivo Antibody - Low Endotoxin

**Shipping Conditions:** Blue ice

**background:** MHC class II I-A molecules present peptide antigens to CD4 helper T cells and are central to adaptive immune activation in the mouse. Clone Y-3P is a mouse IgG2a kappa monoclonal antibody recognising mouse MHC class II I-A, validated for blocking and flow cytometry. Anti-MHC class II Y-3P 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, offers reproducible, lot-consistent performance for antigen-presentation and CD4 T-cell activation studies in mouse models.

**clone:** Y-3P

**Purification Method:** Protein A

**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, FC

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