

# Anti-Mouse MHC Class II (10-3.6.2) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1286

**More Information**

**Species Reactivity:** Mouse

**Target:** MHC Class II

**Concentration:**  $\geq 5.0$  mg/ml

**Isotype:** Rat IgG2c Kappa

**Host:** Rat

**product name H2:** Anti-Mouse MHC Class II (10-3.6.2) In Vivo Antibody - Low Endotoxin

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** MHC class II molecules present peptide antigens to CD4+ T cells and are central to adaptive immune activation, with the I-A locus being a key murine target. Clone 10-3.6.2 is a rat IgG2c kappa monoclonal antibody against mouse MHC class II, validated for functional assays, flow cytometry, immunoprecipitation, frozen-section IHC and in vitro I-A blocking. Supplied in a low-endotoxin format suitable for in vivo use, anti-MHC class II clone 10-3.6.2 is produced in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput work. This research-use-only antibody offers reliable, reproducible performance for murine antigen-presentation and immunology studies.

**Other names:** I-Ak, I-Ar, I-Af, I-As, I-Ag7

**clone:** 10-3.6.2

**Specificity:** 10-3.6.2 activity is directed against the mouse major histocompatibility complex I-Ak, I-Ar, I-Af, I-As, and I-Ag7 haplotypes but does not react with I-A of the b, d, p and q haplotypes.

**Purification Method:** This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:** >95% by SDS-PAGE

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

**Storage:** Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid Repeated Freeze Thaw Cycles.

**Applications:** Functional Assays, Flow Cytometry, Immunoprecipitation, IHC-Frozen, in vitro MHC class II I-A blocking

**Application Notes:** This antibody is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

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