

# Anti-Mouse CD79b (HM79b) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1265

**More Information**

**Species Reactivity:** Mouse

**Target:** CD79b

**Concentration:** >1.0 mg/ml

**Isotype:** Mouse IgG2a

**Host:** Mouse

**product name H2:** Anti-Mouse CD79b (HM79b) In Vivo Antibody - Low Endotoxin

**Buffer:** ICH3002

**UniProt:** P15530

**Shipping Conditions:** Blue ice

**background:** CD79b is a signal-transducing subunit of the B-cell receptor complex, essential for BCR surface expression and signalling throughout B-cell development. Clone HM79b is a mouse IgG2a monoclonal antibody recognising mouse CD79b, validated for ELISA, flow cytometry, neutralization, and functional assays. Anti-CD79b HM79b 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. This non-therapeutic reagent, for research use only, offers reproducible lot-to-lot performance for mouse B-cell receptor signalling and B-lymphocyte biology research.

**Other names:** B29, IGB, Ig-beta

**Purification Method:** All the monoclonal antibodies in this panel were 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:** ELISA, flow cytometry, neutralization, functional assays

**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.