

# Anti-mouse CD20 (18B12) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1277

**More Information**

**Species Reactivity:** Mouse

**Target:** CD20

**Isotype:** Mouse IgG2a

**Host:** Mouse

**product name H2:** Anti-mouse CD20 (18B12) In Vivo Antibody - Low Endotoxin

**Buffer:** ICH3002

**UniProt:** P11836;P19437

**Shipping Conditions:** Blue ice

**background:** CD20 is a B-cell surface marker widely used to study B-cell biology and depletion strategies. Clone 18B12 is a mouse IgG2a monoclonal antibody against mouse CD20, validated for ELISA, neutralization, and functional assays including bioanalytical PK and anti-drug-antibody work, as well as studies of CD20-dependent pathways. Anti-mouse CD20 clone 18B12 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. Researchers rely on 18B12 for reproducible B-cell-targeting experiments, with this reagent provided for research use only.

**Other names:** Ms4a1, Ly-44

**clone:** 18B12

**Specificity:** Mouse CD20



**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:** 0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.

**Purity:** >95% by SDS-PAGE under reducing conditions and HPLC.

**Endotoxin:** 1 EU per 1 mg of the protein 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, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the mouse CD20 protein.

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