

# Anti-Human/Mouse GRP78 (C38) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1281

## More Information

**Species Reactivity:** Human / Mouse

**Target:** GRP78

**Isotype:** Mouse IgG2b Kappa

**Host:** Mouse

**product name H2:** Anti-Human/Mouse GRP78 (C38) In Vivo Antibody - Low Endotoxin

**Buffer:** ICH3002

**UniProt:** P11021

**Shipping Conditions:** Blue ice

**background:** GRP78 (BiP) is an endoplasmic-reticulum chaperone that regulates the unfolded protein response and appears at the cell surface in stressed and tumor cells. Clone C38 is a mouse IgG2b kappa monoclonal antibody recognizing human and mouse GRP78, validated for ELISA, functional assays, flow cytometry, Western blotting, and blocking. Anti-GRP78 clone C38 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 value C38 for consistent detection of GRP78 in stress-response and cancer studies, provided for research use only.

**Other names:** Binding immunoglobulin protein/Heat shock protein family A (HSP70) member 5 (BiP/HSPA5)

**clone:** C38

**Specificity:** Human GRP78, Mouse GRP78



**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, Functional Assays, Flow Cytometry, Western Blotting, Blocking

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