

# Anti-Human OX40 (IB9) Antibody

**Product Code:** ICH5119A-0.1mg

**More Information**

**Species Reactivity:** Human

**Target:** OX40

**Concentration:** 1.0 - 5.0 mg/ml

**Isotype:** Human IgG2-Kappa

**Size:** 0.1mg

**UniProt:** P43489

**Shipping Conditions:** Blue ice

**background:** OX40 (CD134) is a TNF-receptor-superfamily co-stimulatory molecule on activated T cells that enhances proliferation and effector differentiation, central to T-cell immunology research. Clone IB9 is a human IgG2 monoclonal antibody against human OX40, well suited to functional assays examining co-stimulatory signalling and T-cell activation. Anti-OX40 clone IB9 is supplied in a low-endotoxin format appropriate for in vivo use and is manufactured in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Provided for research use only as a non-therapeutic reagent, IB9 offers dependable, lot-to-lot consistent performance for immuno-oncology and T-cell biology studies.

**clone:** IB9

**Specificity:** Detects human OX40

**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% monomer by analytical SEC, >95% by SDS Page



**Endotoxin:** 1EU/mg Determined by LAL gel clotting assay

**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.

**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.