

Anti-Human TIGIT (IB16) Antibody

Product Code: ICH5078A-0.1mg

More Information

Species Reactivity: Human

Target: TIGIT

Concentration: 1.0 - 5.0 mg/ml

Isotype: Human IgG1

Size: 0.1mg

UniProt: Q495A1

Shipping Conditions: Blue ice

background: TIGIT is an inhibitory checkpoint receptor on T and NK cells that limits cytotoxic activity and counter-regulates CD226 signalling, making it a focal point of tumour immunology. Clone IB16 is a human IgG1 monoclonal antibody directed against human TIGIT, suitable for functional assays that probe checkpoint engagement and immune-cell activation. Anti-TIGIT clone IB16 is manufactured in a low-endotoxin format appropriate for in vivo use and is offered in scalable milligram (mg) to gram (g) quantities to serve bulk and high-throughput workflows. Supplied for research use only (RUO) as a non-therapeutic reagent, IB16 delivers reliable lot-to-lot consistency for immuno-oncology and T-cell biology programmes.

clone: IB16

Specificity: Detects human TIGIT.

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: ≤ 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.

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.