

Ant-Human LAG-3 (IB18) Antibody

Product Code: ICH5117A-0.1mg

More Information

Species Reactivity: Human

Target: LAG3

Concentration: 5mg/ml

Isotype: Human IgG4 S228P Kappa

Size: 0.1mg

UniProt: P18627

Shipping Conditions: Blue ice

background: LAG-3 (CD223) is an inhibitory checkpoint receptor expressed on activated T cells, where it restrains effector responses and contributes to T-cell exhaustion in tumours. Clone IB18 is a human IgG4 (S228P) monoclonal antibody recognising human LAG-3, suitable for functional assays probing checkpoint engagement and T-cell regulation. Anti-LAG-3 clone IB18 is prepared in a low-endotoxin format compatible with in vivo use and is manufactured in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Supplied for research use only as a non-therapeutic reagent, IB18 delivers consistent, lot-to-lot reproducible performance for immuno-oncology research.

Specificity: Detects human LAG3

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: $\geq 95\%$ monomer by analytical SEC, $>95\%$ by SDS Page

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



Storage: This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

Application Notes: This biosimilar 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.