

Anti-Human TIGIT (4E1.2) In Vivo Antibody - Low Endotoxin

Product Code: ICH1219

More Information

Species Reactivity: Human

Target: TIGIT

Concentration: 1.0 - 5.0 mg/ml

Isotype: Mouse IgG3

Host: Mouse

product name H2: Anti-Human TIGIT (4E1.2) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Immunogen: Human TIGIT

Buffer: ICH3001-100ml ICH3002-100ml ICH3003-100ml

UniProt: Q495A1

Shipping Conditions: Blue ice

background: TIGIT is an inhibitory checkpoint receptor on T and NK cells that competes with CD226 for CD155 binding and dampens anti-tumour immunity. Clone 4E1.2 is a mouse IgG3 monoclonal antibody against human TIGIT, validated for in vivo studies. Anti-human TIGIT 4E1.2 is supplied in a low-endotoxin format suitable for in vivo use and is manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it delivers consistent, reproducible performance for human checkpoint biology and immuno-oncology research requiring dependable bulk supply.

Other names: VSIG9, Vstm3, WUCAM



clone: 4E1.2

Purification Method: This monoclonal antibody was purified using Protein A

Formulation: This antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.

Purity: >95% by SDS-PAGE and HPLC

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: This low endotoxin antibody is stable when stored at 2-8°C for at least four (4) weeks. For long-term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: In vivo

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