Anti-Mouse CD105 (MJ7/18) In Vivo Antibody - Low Endotoxin

Product Code: ICH1244

More Information

Species Reactivity: Mouse

Target: CD105

Concentration: >5mg/ml

Isotype: Rat IgG2a Kappa

Host: Rat

product name H2: Anti-Mouse CD105 (MJ7/18) In Vivo Antibody - Low Endotoxin

UniProt: Q63961

Shipping Conditions: Blue ice

background: CD105 (endoglin) is a co-receptor in the TGF-beta signalling pathway, highly expressed on proliferating endothelium and widely used as an angiogenesis and vascular marker. Clone MJ7/18 is a rat IgG2a kappa monoclonal antibody against mouse CD105, validated across flow cytometry, immunofluorescence, IHC, immunoprecipitation, Western blot, live-cell imaging, ELISA, positive cell separation, and in vivo work. Anti-CD105 MJ7/18 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. This non-therapeutic, research-use-only reagent gives reproducible performance for angiogenesis and vascular biology research.

Other names: Endoglin, Ancillary TGF-beta Receptor

clone: MJ7/18

Purification Method: Protein G

Formulation: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Purity: ≥95% monomer by analytical SEC_>95% by SDS Page

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

Storage: Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Agonist, Cell Sep - Pos, ELISA, FC, IF, IF Microscopy, IHC, IHC FF, in vivo, IP, LCI, WB

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