Anti-Mouse CD309 (DC101) In Vivo Antibody - Low Endotoxin

Product Code: ICH1232

More Information

Species Reactivity: Mouse

Target: VEGFR2

Concentration: ≤ 2.0 mg/ml

Isotype: Rat IgG1 Kappa

Host: Rat

product name H2: Anti-Mouse CD309 (DC101) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level ≤ 5%

Immunogen: Recombinant full-length Mouse VEGFR2 protein

Buffer: ICH3002-100ml

UniProt: P35918

Shipping Conditions: Blue ice

background: VEGFR2 (CD309) is the principal receptor transmitting VEGF signals that drive endothelial proliferation, vascular permeability, and angiogenesis in development and disease. Clone DC101 is a rat IgG1 kappa monoclonal antibody against mouse VEGFR2, validated for functional assays and Western blotting. Anti-VEGFR2 DC101 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 reagent, for research use only, delivers consistent lot-to-lot reproducibility, supporting mouse angiogenesis, tumour vasculature, and anti-angiogenic mechanism studies at scale.

Other names: CD309, KDR, FLK-1, vascular endothelial growth factor receptor 2

---

clone: DC101

Purification Method: This monoclonal antibody was purified using Protein G

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: Functional Assays, Western Blotting

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