

Anti-mouse VEGF (B20-4.1.1) In Vivo Antibody - Low Endotoxin

Product Code: ICH1278

More Information

Species Reactivity: Mouse, Human

Target: VEGF-A

Isotype: Mouse IgG2a

Host: Mouse

product name H2: Anti-mouse VEGF (B20-4.1.1) In Vivo Antibody - Low Endotoxin

Buffer: ICH3002

UniProt: Q00731

Shipping Conditions: Blue ice

background: VEGF-A is the principal driver of angiogenesis and a central mediator in tumor vascularization and vascular biology. Clone B20-4.1.1 is a mouse IgG2a monoclonal antibody recognizing mouse VEGF-A, validated for ELISA, neutralization, and functional assays such as bioanalytical PK and anti-drug-antibody work, plus studies of VEGF-dependent pathways. Anti-mouse VEGF clone B20-4.1.1 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. With dependable performance, B20-4.1.1 supports reproducible angiogenesis research and is offered for research use only.

Other names: Vascular endothelial growth factor; VEGF

clone: B20-4.1.1

Specificity: Mouse VEGF-A



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: 0.2 uM filtered solution, pH 7.4, no stabilizers or preservatives.

Purity: >95% by SDS-PAGE under reducing conditions and HPLC.

Endotoxin: 1 EU per 1 mg of the protein 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.

Applications: ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the mouse VEGF protein.

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