

Anti-Mouse CD106 (M/K-2.7) In Vivo Antibody - Low Endotoxin

Product Code: ICH1253

More Information

Species Reactivity: Mouse

Target: CD106

Concentration: >5mg/ml

Isotype: Rat IgG1 Kappa

Host: Rat

product name H2: Anti-Mouse CD106 (M/K-2.7) In Vivo Antibody - Low Endotoxin

UniProt: P29533

Shipping Conditions: Blue ice

background: CD106 (VCAM-1) is an endothelial adhesion molecule that binds integrin alpha4beta1 to mediate leukocyte adhesion and extravasation during inflammation and immune-cell recruitment. Clone M/K-2.7 is a rat IgG1 kappa monoclonal antibody recognising mouse CD106, validated for immunofluorescence, neutralization, and in vivo work. Anti-CD106 M/K-2.7 is supplied in a low-endotoxin format suitable for in vivo applications and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it gives reproducible, lot-consistent results for mouse vascular adhesion, leukocyte trafficking, and inflammation research at scale.

Other names: VCAM-1, INCAM-110

clone: M/K-2.7

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: $\geq 95\%$ 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 $\leq -70^{\circ}\text{C}$. Avoid Repeated Freeze Thaw Cycles.

Applications: IF, in vivo, N

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