Anti-Human CD11c In Vivo Antibody - Ultra Low Endotoxin

Product Information

Product SKU:
IVMB0110

Size:
1mg, 5mg, 25mg, 50mg, 100mg

Concentration:
≥ 5.0 mg/ml

Isotype:
Mouse IgG1 κ

Host:
Mouse

Clone:
3.9

Category:
Monoclonal Antibody

Reactivity:
Human

Synonyms:
Integrin αX subunit, CR4, p150, ITGAX

Specificity:
Clone 3.9 recognizes the α-chain (CD11c) of the CD11c/CD18 complex. It is specific for the I domain of CD11c. Clone 3.9 binds the activated form of CD11c and partially blocks the binding of CD11c with ICAM-4.

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.

Endotoxin Level:
<0.5 EU/mg as determined by the LAL method

Purity:
≥98% monomer by analytical SEC · >95% by SDS Page

Immunogen:
Rheumatoid synovial fluid cells and fibronectin purified human monocytes

Storage and Stability:
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 -80°C. Avoid Repeated Freeze Thaw Cycles.

Product Preparation:
Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Applications
B, CyTOF®, FA, FC, IHC FF, WB

Applications & Recommended Usage:
FC The suggested concentration for clone 3.9 antibody for staining cells in flow cytometry is ≤ 2.0 µg per 106 cells in a volume of 100 µl or 100µl of whole blood followed by PN:M1259. Titration of the reagent is recommended for optimal performance for each application.>