Anti-Human CD11c In Vivo Antibody - Ultra Low Endotoxin

IVMB0110

Description

This Anti-Human CD11c In Vivo Antibody - Ultra Low Endotoxin is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0110
Contents:	1mg, 5mg, 25mg, 50mg, 100mg Bradford Reagent: 1 vial (2ml)
Synonyms:	Integrin αX subunit, CR4, p150, ITGAX
Category:	Monoclonal Antibody
Target:	CD11c
Clone:	3.9
Isotype:	Mouse IgG1 κ
Applications:	B CyTOF® FA FC IHC FF In Vivo WB
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.

Antibody Data

Reactivity:	Human
Host species:	Mouse
Expression Host:	-
Immunogen:	Rheumatoid synovial fluid cells and fibronectin purified Human monocytes

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Product concentration: ≥ 5.0 mg/ml

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

Purity: ≥98% Monomer by analytical SEC, >95% by SDS Page

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. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

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.
Store Bradford Reagent at Room Temperature for 1 Year.

Shipping: Next Day 2-8°C

Preparation: Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro 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.

Recommended Dilution Buffer: In vivo Antibody Diluent pH 7.2

Recommended Usage:

Application	Recommended Usage
FC	The suggested concentration for clone 3.9 antibody for staining cells in flow cytometry is ≤ 2.0 µg per 10^6 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.
WB	The suggested concentration for this 3.9 antibody for use in western blotting is 1-10 µg/ml. A Suggested positive control for Western

	blotting is a Mouse Skeletal Muscle Tissue Lysate PN:M1019.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol