

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CD11b/Integrin alpha M in direct ELISAs.
Source	Monoclonal Rabbit IgG Clone # 1250D
Purification	Protein A or G purified from cell culture supernatant
Immunogen	MouseCD11b/Integrin alpha M synthetic peptide Accession # P11215
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

The Integrin αM subunit (CD11b), associates with the Integrin β2 subunit (CD18) to form the non-covalent heterodimeric Integrin CD11b/CD18, also known as Mac-1 and CR-3. Upon activation, CD11b/CD18 is expressed on granulocytes, monocytes, a subset of NK cells and activated lymphocytes. Integrin CD11b/CD18 functions as a receptor for complement fragment iC3b, ICAM-1 (CD54), ICAM-2 (CD102) and fibrinogen to mediate phagocyte adhesion, migration and ingestion of complement-opsonized particles (1-3).

PRODUCT SPECIFIC NOTICES

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