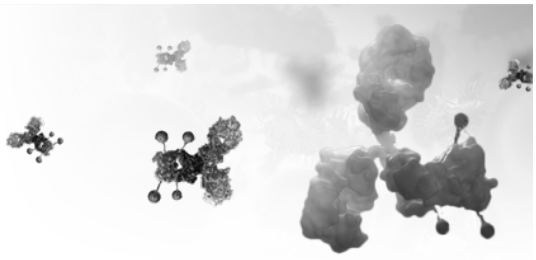

Mouse Anti-Human CD11b monoclonal antibody, clone 349557 (CABT-L1982)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human CD11b/Integrin alpha M in direct ELISAs.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CD11b/Integrin alpha M Phe17-Asn1105
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human, Equine
Clone	349557
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA, FC, IHC, ICC
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	se a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied.

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	1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution. Background: 5'-Nucleotidase/CD73
Ship	The product is shipped at ambient temperature.

BACKGROUND

Introduction	The Integrin alpha M subunit (CD11b), associates with the Integrin beta 2 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.
Keywords	antigen CD11b (p170); CD11 antigen-like family member B; CD11b antigen; CD11b; CD11Bintegrin, alpha M (complement component receptor 3, alpha; also known as CD11b(p170), macrophage antigen alpha polypeptide); Cell surface glycoprotein MAC-1 subunit alpha; CR-3 alpha chain; CR3AMGC117044; Integrin alpha M; integrin alpha-M; integrin, alpha M (complement component 3 receptor 3 subunit); ITGAM; Leukocyte adhesion receptor MO1; MAC-1; MAC1A; macrophage antigen alpha polypeptide; MO1A; neutrophil adherence receptor alpha-M subunit; Neutrophil adherence receptor; SLEB6

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