



Rat Anti-Mouse CD11b Monoclonal antibody, clone M1/70 (CABT-L4344)

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

PRODUCT INFORMATION

Product Overview	The M1/70 monoclonal antibody reacts with mouse and human CD11b, a 170 kDa membrane glycoprotein also known as integrin alpha M (ITGAM).
Target	Mouse/Human CD11b
Immunogen	B10 mouse spleen cells enriched for T cells
Isotype	IgG2b, κ
Source/Host	Rat
Species Reactivity	Human, Mouse
Clone	M1/70
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	in vivo CD11b neutralization, ILC2 cell purification, FC
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free]

Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay
Related dilution buffer: CABT-LB04

Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction The M1/70 monoclonal antibody reacts with mouse and human CD11b, a 170 kDa membrane glycoprotein also known as integrin alpha M (ITGAM). CD11b belongs to the integrin alpha family and is primarily expressed on granulocytes and monocytes/macrophages but also expressed on dendritic cells, NK cells, and subsets of T and B cells. CD11b and CD18 combine to form Mac-1. Mac-1 functions as a complement receptor as well as a receptor for fibrinogen, factor X, and ICAM1.

Keywords CD11b;integrin alpha M;ITGAM