



Mouse Anti-Human CD11B Monoclonal Antibody, clone MEM-174 (CABT-Z602M)

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

PRODUCT INFORMATION

Product Overview	The antibody blocks binding of LFA-1 complex to ICAM-1.
Immunogen	Human CD11B
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	MEM-174
Purification	Protein A purified
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS (sterile), pH 7.2.
Preservative	None
Storage	Store at 4°C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

BACKGROUND

Introduction

CD11b (integrin α M subunit) is a 165 kDa type I transmembrane glycoprotein that non-covalently associates with integrin β 2 subunit (CD18); expression of the CD11b chain on the cell surface requires the presence of the CD18 antigen. CD11b/CD18 integrin (Mac-1, CR3) is highly expressed on NK cells, neutrophils, monocytes and less on macrophages. CD11b/CD18 integrin is implicated in various adhesive interactions of monocytes, macrophages and granulocytes, facilitating their diapedesis, as well as it mediates the uptake of complement coated particles, serving as a receptor for the iC3b fragment of the third complement component.

Keywords

CR3A;MO1A;CD11B;MAC-1;MAC1A;SLEB6

GENE INFORMATION

Gene Name

ITGAM

Entrez Gene ID

[3684](#)

UniProt ID

[P11215](#)
