

**Integrin, Beta 2 (antigen CD18 (p95), Lymphocyte Function-associated Antigen 1; Macrophage Antigen 1 (mac-1) Beta Subunit) (ITGB2) Mouse Monoclonal (RPE) Antibody**

<b>CatalogID:</b>	LS-C44252
<b>Target Protein:</b>	Integrin, Beta 2 (antigen CD18 (p95), Lymphocyte Function-associated Antigen 1; Macrophage Antigen 1 (mac-1) Beta Subunit) (ITGB2)
<b>Gene Synonyms:</b>	ITGB2, CD18, LAD, LCAMB, LFA-1, MAC-1, MF17, MFI7, cell surface adhesion glycoproteins lfa-1, cr3 and p150,95, beta-de
<b>Family / Subfamily:</b>	Integrin / not assigned-Integrin
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1
<b>Modifications:</b>	R. Phycoerythrin (RPE)
<b>Antigen Species:</b>	
<b>Specificity:</b>	( ACTIVATION EPITOPE )
<b>Species Reactivity:</b>	Human
<b>Purification:</b>	Protein G column
<b>Volume:</b>	100 tst
<b>Presentation:</b>	Lyophilised
<b>Uses:</b>	IHC-Fr (Optimal dilution to be determined by the researcher)
<b>Summary:</b>	<p>Recognises an epitope on the human CD18 molecule that is hidden in the CD11/CD18 heterodimer on resting cells. Clone MEM-148 binds very weakly to resting peripheral blood leukocytes and strongly to all leukocytes upon cellular activation. The epitope recognised by MEM-148 is also exposed during dissociation of the CD11/CD18 by low pH.</p> <p>The ITGB2 protein product is the integrin beta chain beta 2. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combines with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.</p>

Laboratory Reagent For In Vitro Research Use Only

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