

Product datasheet for **SM262LE**

CD11b Mouse Monoclonal Antibody [Clone ID: OX-42]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-42
Applications:	FC, IHC, IP
Recommended Dilution:	Immunoprecipitation. Immunohistochemistry on frozen sections: 1/50 - 1/100; Clone MRC OX-42 has been reported as being suitable for use on paraffin-embedded material following PLP fixation (periodate-lysine-paraformaldehyde). Flow Cytometry: 1/50 - 1/100; Use 10ul of the suggested working dilution to label 10e6 cells or 100µl whole blood.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Rat peritoneal macrophages. Spleen cells from immunised BALB/c mice were fused with cells of the NSO/U mouse myeloma cell line.
Specificity:	This antibody recognises the equivalent of human CD11b, the receptor for the iC3b component of complement. Functionally, clone OX-42 inhibits complement mediated rosettes.
Formulation:	PBS, pH 7.2 State: Low Endotoxin State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Q63001



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Background:	The antigen is expressed on most macrophages, including resident and activated peritoneal macrophages and Kupffer cells and around 35% of alveolar macrophages. The antibody also labels dendritic cells, granulocytes and microglial cells in the brain.
Synonyms:	ITGAM, CR3A, CR-3 alpha chain, Integrin alpha-M, MAC1
Note:	Endotoxin Level: less than 0.01 EU/μg