

## Product datasheet for **SM262F**

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

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OX-42
<b>Applications:</b>	FC
<b>Recommended Dilution:</b>	Flow Cytometry: Use 10µl of neat - 1/10 diluted antibody to label 10e6 cells in 100µl. Clone OX-42 has been reported as being suitable for use on paraffin-embedded material following PLP fixation (periodate-lysine-paraformaldehyde). Functionally, clone OX-42 inhibits complement mediated rosettes. We recommend the use of SM262LE for use in functional studies.
<b>Reactivity:</b>	Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Rat resident peritoneal macrophages. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NSO/U myeloma cell line.
<b>Specificity:</b>	This antibody recognises the equivalent of human CD11b, the receptor for the iC3b component of complement. The antibody also labels dendritic cells, granulocytes and microglial cells in the brain.
<b>Formulation:</b>	Containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid IgG fraction Label: Fluorescein Isothiocyanate Isomer 1
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on protein G
<b>Conjugation:</b>	FITC
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
<b>Stability:</b>	Shelf life: one year from despatch.



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**Database Link:** [Q63001](#)

**Background:** The antigen is expressed on most macrophages, including resident and activated peritoneal macrophages and Kupffer cells and around 35% of alveolar macrophages.

**Synonyms:** ITGAM, CR3A, CR-3 alpha chain, Integrin alpha-M, MAC1