

## Product datasheet for **SM262FS**

### 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 10 µl of Neat-1/10 diluted antibody to label 10e6 cells in 100 µl.<br>Clone OX-42 has been reported as being suitable for use on paraffin-embedded material following PLP fixation (periodate-lysine-paraformaldehyde).<br>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.<br>The antibody also labels dendritic cells, granulocytes and microglial cells in the brain.  |
| <b>Formulation:</b>          | Phosphate Buffered Saline<br>Label: FITC<br>State: Liquid purified IgG fraction Containing 0.09% Sodium Azide and 1% BSA.<br>Stabilizer: Sodium Azide 0.09%<br>Preservative: 1% Bovine Serum Albumin<br>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.<br>This product is photosensitive and should be protected from light.<br>Avoid repeated freezing and thawing.  |



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| <b>Stability:</b>     | Shelf life: one year from despatch.   |
| <b>Database Link:</b> | <a href="#">Q63001</a>  |
| <b>Background:</b>    | The antigen is expressed on most macrophages, including resident and activated peritoneal macrophages and Kupffer cells and around 35% of alveolar macrophages. |
| <b>Synonyms:</b>      | ITGAM, CR3A, CR-3 alpha chain, Integrin alpha-M, MAC1   |