

## Product datasheet for **SM1763P**

### CD11b Mouse Monoclonal Antibody [Clone ID: ED7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	ED7
Applications:	FC, IHC
Recommended Dilution:	<b>Flow Cytometry.</b> <b>Immunohistochemistry on Frozen Sections:</b> 1/500. The epitope recognized by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. We recommend the use of acetone fixation for frozen sections. <b>Functional Assays</b> (See Reference 2).
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat spleen cell homogenate. Spleen cells from immunised BALB/c mice were fused with cells of the mouse Sp2/0 Ag-14 myeloma cell line.
Specificity:	This antibody recognizes a membrane antigen on macrophages, monocytes, dendritic cells and granulocytes. Like ED8, ED7 recognizes small ramified microglia in the central nervous system. No other cell types are positive for ED7, except for the cilia of the bronchus epithelium. ED7 and ED8 may recognize closely related epitopes on the same molecule. ED7 and ED8 have been shown to induce homotypic aggregation of granulocytes.
Formulation:	State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



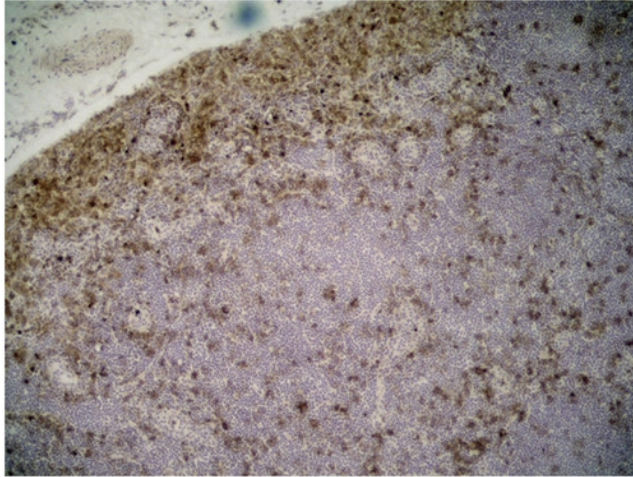
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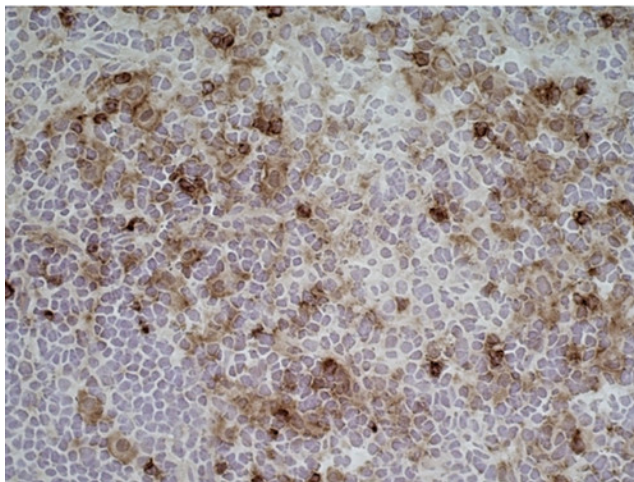
Background: The antigen is a heterodimer (160 and 95kD) belonging to the family of adhesion molecules (CD11b/CD18).

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

### Product images:



Immunoperoxidase staining of Rat lymph node cryosection with Mouse anti Rat CD11b antibody, clone ED7 (Cat.-NoSM1763P) followed by horseradish peroxidase conjugated Goat anti Mouse IgG1 (Cat.-No [AP05384HR-N]) as a detection reagent. Low power.



Immunoperoxidase staining of Rat lymph node cryosection with Mouse anti Rat CD11b antibody, clone ED7 (Cat.-No SM1763P) followed by horseradish peroxidase conjugated Goat anti Mouse IgG1 (Cat.-No [AP05384HR-N]) as a detection reagent. High power.