

Product datasheet for **SM014BT**

CD11b Rat Monoclonal Antibody [Clone ID: M1/70.15]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M1/70.15
Applications:	FC
Recommended Dilution:	Flow cytometry: Neat. Positive control: mouse peritoneal macrophages.
Reactivity:	Human, Mouse, Rabbit
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	T cell enriched splenocytes from B10 mice
Specificity:	This antibody recognises the CD11b cell surface antigen (also known as the alpha M integrin chain or MAC-1), a differentiation antigen expressed by granulocytes, monocytes, NK cells and tissue macrophages. Clone M1/70.15 has been reported to as being suitable for use on PLP fixed paraffin embedded tissue but has not been tested for use on formalin fixed tissue (4).
Formulation:	0.09% Sodium Azide, 1% Bovine Serum Albumin Label: Biotin State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.
Database Link:	P05555



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Background: The expression of CD11b increases during monocyte maturation and expression levels vary on tissue macrophages. Peritoneal macrophages are reported to express higher levels of CD11b than splenic macrophages.

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