

## Product datasheet for **SM1068PT**

### CD11b (ITGAM) Mouse Monoclonal Antibody [Clone ID: ICRF44]

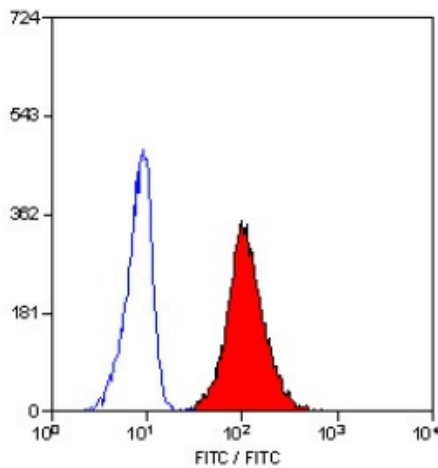
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	ICRF44
Applications:	FC, IHC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of 1/10-1/100 diluted antibody to label 10e6 cells or 100 µl whole blood. <b>Immunoprecipitation.</b> <b>Immunohistochemistry on Frozen Sections:</b> 1/100-1/1000. The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. We recommend the use of acetone fixation for frozen sections. <i>Recommended Positive Control:</i> Human tonsil.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rheumatoid synovial cells and Human mocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse Sp2/0 myeloma cell line.
Specificity:	This antibody recognizes the CD11b cell surface glycoprotein. This antibody, clone ICRF44 has been reported to have various functional effects on monocytes, blocking adhesion and stimulating cytokine and chemokine release. <b>Negative Species:</b> Cat.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated



[View online »](#)

<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	integrin subunit alpha M
<b>Database Link:</b>	<a href="#">Entrez Gene 3684 Human P11215</a>
<b>Background:</b>	CD11b is a 165kD molecule also known as the alphaM integrin, MAC-1 and CR3. This molecule is expressed as a heterodimer in association with the beta 2 integrin, and is found upon monocytes, granulocytes, NK cells and some peripheral blood lymphocytes.
<b>Synonyms:</b>	ITGAM, CR3A, CR-3 alpha chain, Integrin alpha-M, MAC1

**Product images:**

Staining of human peripheral blood granulocytes with Mouse Anti Human CD11b