



Product Datasheet  
**Mouse CD11b monoclonal antibody (FITC)**  
Catalogue Code: AGIM0499

## Antibody Data

<b>Product SKU:</b>	AGIM0499	<b>Clone</b>	M1/70.15
<b>Applications:</b>	FC	<b>Conjugate</b>	FITC
<b>Reactivity:</b>	Mouse		

## Immunogen Information:

**Host Species:** Rat

**Isotype:** IgG2b

**Storage:** Store at 4 °C. Avoid prolonged exposure to light.

## Background:

CD11b (integrin alphaM subunit) is a 165-170 kDa type I transmembrane glycoprotein that noncovalently associates with integrin beta2 subunit (CD18); expression of the CD11b chain on the cell surface requires the presence of the CD18 antigen. CD11b/CD18 integrin (Mac-1, CR3) is highly expressed on NK cells, neutrophils, monocytes and less on macrophages. CD11b/CD18 integrin is implicated in various adhesive interactions of monocytes, macrophages and granulocytes, facilitating their diapedesis, as well as it mediates the uptake of complement coated particles, serving as a receptor for the iC3b fragment of the third complement component.