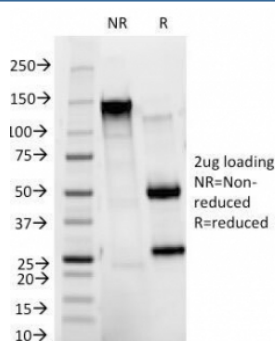


## CD11b Antibody / MAC-1 / ITGAM [clone ITGAM/271] (V3528)

Catalog No.	Formulation	Size
V3528-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3528-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3528SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	ITGAM/271
<b>Purity</b>	Protein G affinity chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>Gene ID</b>	3684
<b>Localization</b>	Cell surface, cytoplasm
<b>Applications</b>	Flow cytometry : 1-2ug/10 <sup>6</sup> cells Immunofluorescence : 1-2ug/ml
<b>Limitations</b>	This <b>CD11b antibody</b> is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free CD11b Antibody (clone ITGAM/271).  
Confirmation of Integrity and Purity of the Antibody.

## Description

CD11b is a cell adhesion molecule that acts as a receptor for cell surface ligands such as intracellular adhesion molecules (ICAMs) or soluble ligands. Integrins are heterodimeric proteins that contain an  $\alpha$  chain and  $\beta$  chain. Integrin  $\alpha$ -M (CD11b) combines with the Integrin  $\beta$ -2 (CD18) to form a leukocyte-specific integrin referred to as macrophage receptor 1 (Mac-1), or inactivated-C3b (iC3b) receptor 3 (CR3). Integrin  $\alpha$ -M/ $\beta$ -2 is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles.

## Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CD11b antibody to be titrated up or down for optimal performance.

## Immunogen

Recombinant human CD11b/ITGAM protein was used as the immunogen for this antibody.

## Storage

Store the CD11b antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

## Alternate Names

Granulocyte marker

## References (2)