



Datasheet for ABIN3031364  
**anti-CD11b antibody (AA 253-282)**



[Go to Product page](#)

6 Images

Overview

Quantity:	0.4 mL
Target:	CD11b (ITGAM)
Binding Specificity:	AA 253-282
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD11b antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 253-282 from the human protein was used as the immunogen for this CD11b antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	CD11b (ITGAM)
Alternative Name:	CD11b ( <a href="#">ITGAM Products</a> )
Background:	CD11b is the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as

## Target Details

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macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles.

UniProt: [P11215](#)

Pathways: [Apoptosis](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#), [Activated T Cell Proliferation](#)

## Application Details

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Application Notes: Titration of the CD11b antibody may be required due to differences in protocols and secondary/substrate sensitivity. IHC (Paraffin): 1:50-1:100, Flow Cytometry: 1:10-1:50, Western blot: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

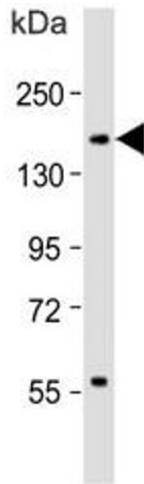
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

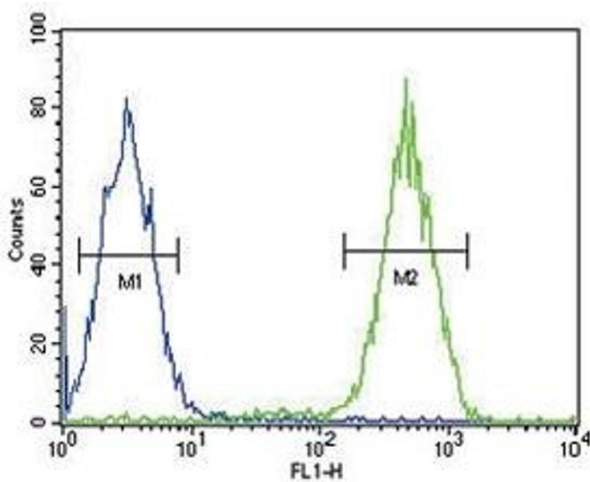
Storage: -20 °C

Storage Comment: Aliquot the CD11b antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



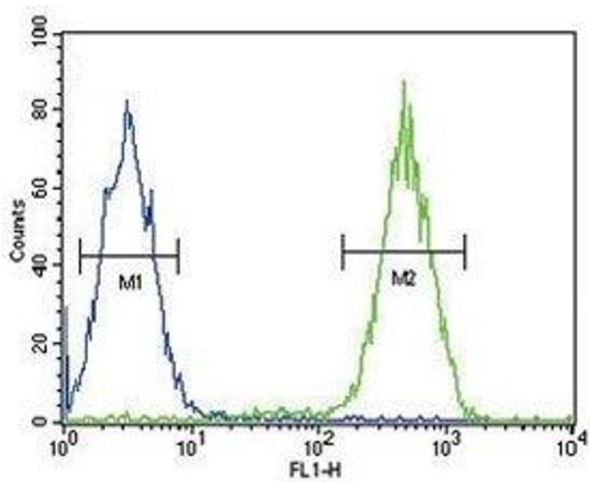
### Western Blotting

**Image 1.** Western blot testing of human spleen lysate with CD11b antibody. Expected molecular weight: 128-170 kDa depending on glycosylation level.



### Flow Cytometry

**Image 2.** CD11b antibody flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



### Flow Cytometry

**Image 3.** CD11b antibody flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3031364.