

Datasheet: VMA00481

Description:	MOUSE ANTI CD11b
Specificity:	CD11b
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI2D11
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant protein of human CD11b produced in HEK293T cells

External Database

Links

UniProt:

[P11215](#)

[Related reagents](#)

Entrez Gene:

[3684](#) ITGAM [Related reagents](#)

Synonyms CD11B, CR3A

Specificity **Mouse anti Human CD11b antibody, clone OTI2D11** recognizes CD11b also known as integrin alpha-M, CD11 antigen-like family member B, CR-3 alpha chain, cell surface glycoprotein MAC-1 subunit alpha, leukocyte adhesion receptor MO1, macrophage antigen alpha polypeptide or neutrophil adherence receptor alpha-M subunit.

The ITGAM gene encodes 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 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. Multiple transcript variants encoding different isoforms have been found for ITGAM (provided by RefSeq, Mar 2009).

Mouse anti Human CD11b antibody, clone OTI2D11 detects a band of 170 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti CD11b detects a band of approximately 170 kDa in TF-1 cell lysate.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch.

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10048 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00481>
Antibody (10048)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M398689:220623'

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