

Datasheet: VMA00481

**BATCH NUMBER 160801**

<b>Description:</b>	MOUSE ANTI CD11b
<b>Specificity:</b>	CD11b
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI2D11
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	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](#)

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America**

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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](https://bio-rad-antibodies.com/datasheets)  
'M370224:200529'

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