

Datasheet: VMA00138

Description:	MOUSE ANTI CD80
Specificity:	CD80
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT12B11
Isotype:	IgG2a
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human CD80 (NP_005182) produced in HEK293T cells
External Database Links	<p>UniProt: P33681 Related reagents</p> <p>Entrez Gene: 941 CD80 Related reagents</p>
Synonyms	CD28LG, CD28LG1, LAB7

Specificity **Mouse anti Human CD80 antibody** recognizes CD80, also known as B-lymphocyte activation antigen B7, CD80 antigen (CD28 antigen ligand 1, B7-1 antigen), CTLA-4 counter-receptor B7.1, T-lymphocyte activation antigen CD80, activation B7-1 antigen, costimulatory factor CD80 and costimulatory molecule variant IgV-CD80.

CD80 is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy (provided by RefSeq, Aug 2011).

Mouse anti Human CD80 antibody detects a band of 60 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti CD80 detects a band of approximately 60 kDa in Raji cell lysates.

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

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

Guarantee As supplied, 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: Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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