

Datasheet: VMA00395

Description:	MOUSE ANTI CD30
Specificity:	CD30
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT13B10
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

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 Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Recombinant protein fragment corresponding to aa 19-379 of human CD30 (NP_001234) produced in <i>E. coli</i>
External Database Links	UniProt: P28908 Related reagents Entrez Gene: 943 TNFRSF8 Related reagents
Synonyms	CD30, D1S166E

Specificity	Mouse anti Human CD30 antibody recognizes CD30, also known as CD30L receptor, Ki-1 antigen, cytokine receptor CD30, lymphocyte activation antigen CD30 and tumor necrosis factor receptor superfamily member 8 (TNFRSF8). Encoded by the TNFRSF8 gene, CD30 is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of TNFRSF8 encoding distinct isoforms have been reported (provided by RefSeq, Jul 2008). Mouse anti Human CD30 antibody detects a band of 120 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti CD30 detects a band of approximately 120 kDa in MOLT-4 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.
Shelf Life	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 IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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