

Datasheet: VMA00197

Description:	MOUSE ANTI METAP2
Specificity:	METAP2
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT11F6
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 corresponding to amino acids 2-212 of human METAP2 (NP_006829) produced in <i>E. coli</i>
External Database Links	UniProt: P50579 Related reagents Entrez Gene: 10988 METAP2 Related reagents
Synonyms	MNPEP, P67EIF2

Specificity	Mouse anti Human METAP2 antibody recognizes METAP2, also known as MAP 2, eIF-2-associated p67 homolog, initiation factor 2-associated 67 kDa glycoprotein, metAP 2, methionine aminopeptidase 2, p67, p67eIF2 and peptidase M 2. METAP2 is a member of the methionyl aminopeptidase family and is a protein that binds 2 cobalt or manganese ions. This protein functions both by protecting the alpha subunit of eukaryotic initiation factor 2 from inhibitory phosphorylation and by removing the amino-terminal methionine residue from nascent protein. Increased expression of METAP2 is associated with various forms of cancer and the anti-cancer drugs fumagillin and ovalicin inhibit the protein by irreversibly binding to its active site. A pseudogene of METAP2 is located on chromosome 2 (provided by RefSeq, Jul 2008). Mouse anti Human METAP2 antibody detects a band of 63 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti METAP2 detects a band of approximately 63 kDa in K562 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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Printed on 30 Apr 2018