

Datasheet: VMA00197

Description:	MOUSE ANTI METAP2
Specificity:	METAP2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI1F6
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	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
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
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, clone OT11F6 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, clone OT11F6 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.

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/VMA00197>
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

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