

Datasheet: VMA00078

Description:	MOUSE ANTI IGFBP-7
Specificity:	IGFBP-7
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
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 on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	<i>E. Coli</i> derived recombinant protein, aa52-156 of human IGFBP-7
External Database Links	<p>UniProt: Q16270 Related reagents</p> <p>Entrez Gene: 3490 IGFBP7 Related reagents</p>
Synonyms	MAC25, PSF
Specificity	Mouse anti Human IGFBP-7 antibody recognizes Insulin-like growth factor-binding protein 7 , also known as IBP-7, IGF-binding protein 7, IGFBP-rP1, MAC25 protein, PGI2-stimulating factor,

prostacyclin-stimulating factor and tumor-derived adhesion factor (TAF).

IGFBP-7 encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for IGFBP-7, and one variant has been associated with [retinal arterial macroaneurysm](#).

Mouse anti Human IGFBP-7 antibody detects a band of 31 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti IGFBP-7 detects a band of approximately 31 kDa in HeLa 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 #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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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