

Datasheet: VMA00201

BATCH NUMBER 240615

Description:	MOUSE ANTI CD146
Specificity:	CD146
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI2G10
Isotype:	IgG2b
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	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human CD146 (NP_006491) produced in HEK293T cells

**External Database
Links**

UniProt:

[P43121](#) [Related reagents](#)

Entrez Gene:

[4162](#) MCAM [Related reagents](#)

Synonyms

MUC18

Specificity

Mouse anti Human CD146 antibody, clone OTI2G10 recognizes CD146, also known as gicerin, S-endo 1 endothelial-associated antigen, cell surface glycoprotein MUC18, cell surface glycoprotein P1H12, melanoma adhesion molecule, melanoma-associated antigen A32 and melanoma-associated antigen MUC18.

Mouse anti Human CD146 antibody, clone OTI2G10 detects a band of 120 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti CD146 detects a band of approximately 120 kDa in HeLa 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/VMA00201>
Antibody (10048)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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