

Datasheet: VMA00380

Description:	MOUSE ANTI HSD17B4
Specificity:	HSD17B4
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI2C9
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
Immunogen	Full length recombinant human HSD17B4 (NP_000405) produced in HEK293T cells
External Database Links	UniProt:

[P51659](#) [Related reagents](#)

Entrez Gene:

[3295](#) HSD17B4 [Related reagents](#)

Synonyms EDH17B4

Specificity **Mouse anti Human HSD17B4 antibody** recognizes HSD17B4, also known as 17-beta-HSD 4, peroxisomal multifunctional protein 2 and short chain dehydrogenase/reductase family 8C, member 1.

The protein encoded by the HSD17B4 gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in HSD17B4 that affect the peroxisomal fatty acid beta-oxidation activity are a cause of D-bifunctional protein deficiency (DBPD). An apparent pseudogene of HSD17B4 is present on chromosome 8 (provided by RefSeq, Jul 2008).

Mouse anti Human HSD17B4 antibody detects a band of 79 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti HSD17B4 detects a band of approximately 79 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: 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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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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