

Datasheet: VMA00439

Description:	MOUSE ANTI ACBD3
Specificity:	ACBD3
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OTI5F9
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
Species Cross Reactivity	Reacts with: Rat N.B. Antibody reactivity and working conditions may vary between species.
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 ACBD3 (NP_073572) produced in HEK293T cells
External Database Links	<p>UniProt: Q9H3P7 Related reagents</p> <p>Entrez Gene: 64746 ACBD3 Related reagents</p>

Synonyms GCP60, GOCAP1, GOLPH1

Specificity **Mouse anti Human ACBD3 antibody** recognizes ACBD3, also known as PBR- and PKA-associated protein 7, PKA (R1alpha)-associated protein, acyl-Coenzyme A binding domain containing 3, golgi complex associated protein 1 60kDa, golgi phosphoprotein 1 and peripheral benzodiazepine receptor-associated protein PAP7.

The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by the ACBD3 gene is involved in the maintenance of Golgi structure and function through its interaction with the integral membrane protein giantin. It may also be involved in the hormonal regulation of steroid formation (provided by RefSeq, Jul 2008).

Mouse anti Human ACBD3 antibody detects a band of 75 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti ACBD3 detects a band of approximately 75 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.

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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