

Datasheet: VMA00273

Description:	MOUSE ANTI ALIX
Specificity:	ALIX
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI1A4
Isotype:	IgG2a
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 ALIX (NP_037506) produced in HEK293T cells
External Database Links	UniProt: Q8WUM4 Related reagents

Entrez Gene:

[10015](#) PDCD6IP [Related reagents](#)

Synonyms AIP1, ALIX, KIAA1375

Specificity **Mouse anti Human ALIX antibody** recognizes the programmed cell death 6-interacting protein, also known as ALG-2 interacting protein 1, ALG-2-interacting protein X, PDCD6-interacting protein, apoptosis-linked gene 2-interacting protein X, dopamine receptor interacting protein 4 and programmed cell death 6-interacting protein.

The PDCD6IP (ALIX) gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intraluminal endosomal vesicle formation, and in enveloped virus budding. Overexpression of murine ALIX can block apoptosis. In addition, the product of PDCD6IP binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. PDCD6IP (ALIX) product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of PDCD6IP product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for PDCD6IP. Related pseudogenes have been identified on chromosome 15 (provided by RefSeq, Jan 2012).

Mouse anti Human ALIX antibody detects a band of 96 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti ALIX detects a band of approximately 96 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/VMA00273>
Antibody (10048)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M397904:220621'

Printed on 18 Jan 2024
