

Datasheet: AHP674

Description:	RABBIT ANTI HUMAN MANNOSIDASE II
Specificity:	MANNOSIDASE II
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/100 - 1/400
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Monkey

Does not react with: Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Serum - liquid

Antiserum Preparation

Antisera to mannosidase II were raised by repeated immunisations of rabbits with highly purified antigen.

Preservative

<0.1% Sodium Azide (NaN₃)

Stabilisers

External Database

Links

UniProt:

[Q16706](#)

[Related reagents](#)

Entrez Gene:

[4124](#)

MAN2A1

[Related reagents](#)

Synonyms

MANA2

RRID

AB_2139562

Specificity

Rabbit anti Human Mannosidase II antibody recognizes human mannosidase II, also known as golgi alpha mannosidase II, Mannosidase alpha class 2A member 1 or Mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase. Mannosidase II is a 1144 amino acid ~135 kDa protein involved in the biosynthesis of complex N-glycans. Mannosidase II is a single pass type II transmembrane glycoprotein located on the luminal side of golgi membranes and is a useful marker for the golgi apparatus.

References

1. Herbert, S.P. *et al.* (2005) Cytosolic phospholipase A2-alpha mediates endothelial cell proliferation and is inactivated by association with the Golgi apparatus. [Mol Biol Cell. 16: 3800-9.](#)
2. Desai, P. *et al.* (2008) Localization of herpes simplex virus type 1 UL37 in the Golgi complex requires UL36 but not capsid structures. [J Virol. 82:11354-61.](#)
3. Tangemo, C. *et al.* (2011) A novel laser nanosurgery approach supports *de novo* Golgi biogenesis in mammalian cells. [J Cell Sci. 124: 978-87.](#)
4. Herbert, S.P. *et al.* (2007) The confluence-dependent interaction of cytosolic phospholipase A2-alpha with annexin A1 regulates endothelial cell prostaglandin E2 generation. [J Biol Chem. 282: 34468-78.](#)
5. Rybakina, V. *et al.* (2008) Molecular mechanism underlying the association of Coronin-7 with Golgi membranes. [Cell Mol Life Sci. 65: 2419-30.](#)

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10081 available at: 10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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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