

Product datasheet

Anti-Mannosidase II/MAN2A1 antibody ab224611

[1 References](#) [4 Images](#)

Overview

Product name	Anti-Mannosidase II/MAN2A1 antibody
Description	Rabbit polyclonal to Mannosidase II/MAN2A1
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Mannosidase II/MAN2A1 aa 1-200. Database link: Q16706 Run BLAST with Run BLAST with
Positive control	WB: HEK-293 and HepG2 cell lysate. ICC/IF: HeLa cells. IHC-P: Human lung cancer and cervical cancer tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab224611 in the following tested applications.

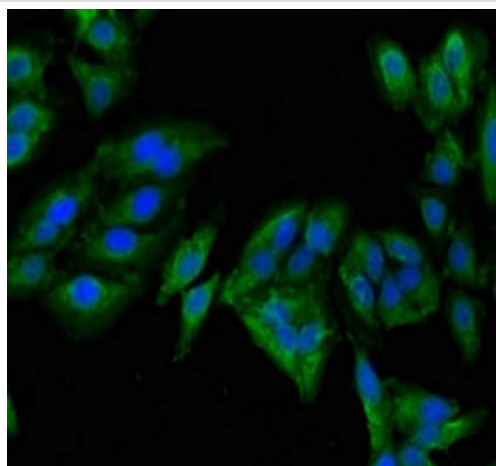
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.
ICC/IF		1/50 - 1/200.
WB		1/500 - 1/5000.

Target

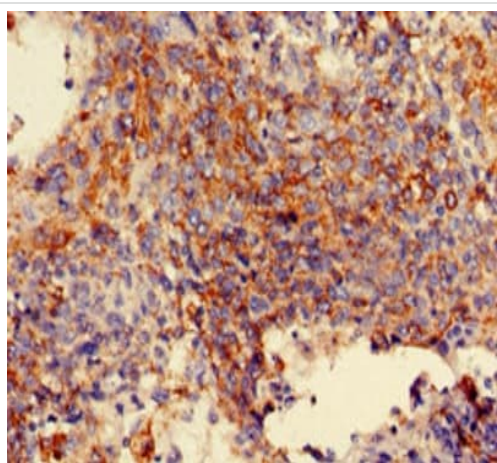
Function	Catalyzes the first committed step in the biosynthesis of complex N-glycans. It controls conversion of high mannose to complex N-glycans; the final hydrolytic step in the N-glycan maturation pathway.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyl hydrolase 38 family.
Cellular localization	Golgi apparatus membrane.

Images



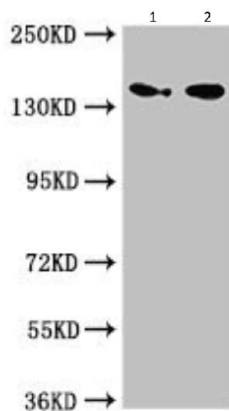
HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for Mannosidase II/MAN2A1 (green) using ab224611 (1/100 dilution) in ICC/IF. Secondary: Alexa Fluor 488[®] conjugated Goat Anti-Rabbit IgG (H+L).

Immunocytochemistry/ Immunofluorescence - Anti-Mannosidase II/MAN2A1 antibody (ab224611)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mannosidase II/MAN2A1 antibody (ab224611)

Paraffin embedded human cervical cancer tissue stained for Mannosidase II/MAN2A1 with ab224611 (1/100 dilution) in immunohistochemical analysis.



Western blot - Anti-Mannosidase II/MAN2A1 antibody (ab224611)

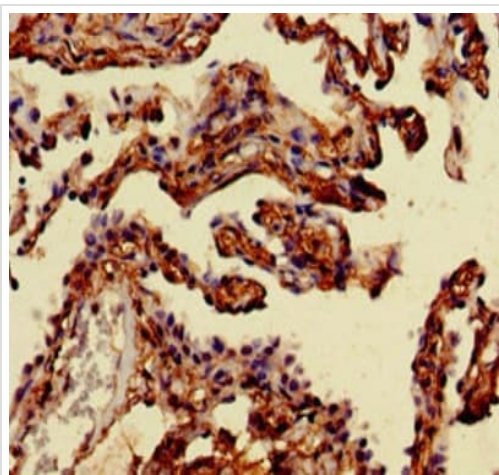
All lanes : Anti-Mannosidase II/MAN2A1 antibody (ab224611) at 1/500 dilution

Lane 1 : HEK-293 (human epithelial cell line from embryonic kidney) cell lysate

Lane 2 : HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

Secondary

All lanes : Goat polyclonal to rabbit IgG at 1/50000 dilution



Paraffin embedded human lung cancer tissue stained for Mannosidase II/MAN2A1 with ab224611 (1/100 dilution) in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Mannosidase II/MAN2A1 antibody (ab224611)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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