

Product datasheet

Anti-Mannosidase II/MAN2A1 antibody ab190774

1 Image

Overview

<b>Product name</b>	Anti-Mannosidase II/MAN2A1 antibody
<b>Description</b>	Rabbit polyclonal to Mannosidase II/MAN2A1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF <b>Unsuitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat
<b>Immunogen</b>	Synthetic peptide within Rat Mannosidase II/MAN2A1 aa 1120-1145 (internal sequence) conjugated to keyhole limpet haemocyanin. The exact sequence is proprietary.
<b>Positive control</b>	NRK cells.
<b>General notes</b>	This product was previously labelled as Mannosidase II

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab190774** 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
ICC/IF		1/100 - 1/500. Cold methanol fixation is optimal as formaldehyde fixation leads to loss of signal.

**Application notes**

Is unsuitable for WB.

**Target**

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**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.

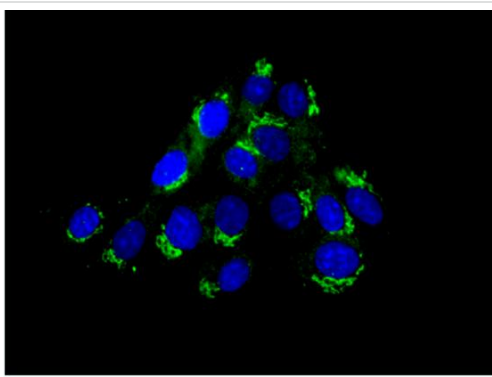
**Cellular localization**

Golgi apparatus membrane.

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**Images**

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Immunofluorescent analysis of methanol-fixed NRK cells labeling Mannosidase II/MAN2A1 with ab190774 at 1/100 dilution. FITC secondary antibody. Counter stained with DAPI (Blue).

Immunocytochemistry/ Immunofluorescence - Anti-Mannosidase II/MAN2A1 antibody (ab190774)

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