

For Research Use Only

Biotin-conjugated MAN1A1 Polyclonal antibody

Catalog Number: Biotin-23382



Basic Information

Catalog Number:

Biotin-23382

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20060

GenBank Accession Number:

BC065827

GeneID (NCBI):

4121

UNIPROT ID:

P33908

Full Name:

mannosidase, alpha, class 1A, member 1

Calculated MW:

653 aa, 73 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:50-1:500

Excitation/Emission maxima wavelengths:

-

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human ovary tumor tissue,

Background Information

MAN1A1, also known as HUMM3, HUMM9, MAN9, belongs to the glycosyl hydrolase 47 family. MAN1A1 is a type II transmembrane protein and catalyzes the hydrolysis of three terminal mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides. MAN1A1 is a tumor-suppressor and low levels of expression of MAN1A1 correlate with poor prognosis in breast cancer patients (PMID: 29381688).

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

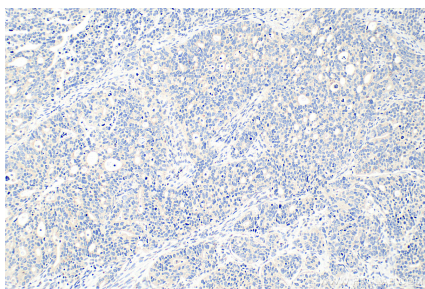
T: 4006900926

E: Proteintech-CN@ptglab.com

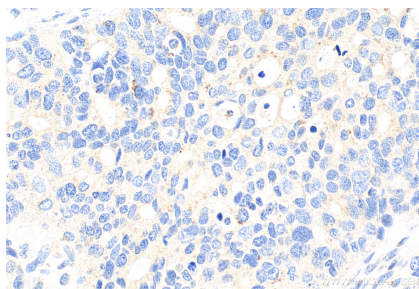
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using Biotin-23382 (MAN1A1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using Biotin-23382 (MAN1A1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).