

Biotin-conjugated MAN1A1 Polyclonal antibody

Catalog Number: Biotin-23382

Basic Information

Catalog Number: Biotin-23382	GenBank Accession Number: BC065827	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4121	Recommended Dilutions: IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: P33908	Excitation/Emission maxima wavelengths: -
Isotype: IgG	Full Name: mannosidase, alpha, class 1A, member 1	
Immunogen Catalog Number: AG20060	Calculated MW: 653 aa, 73 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human ovary tumor tissue,
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	

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).

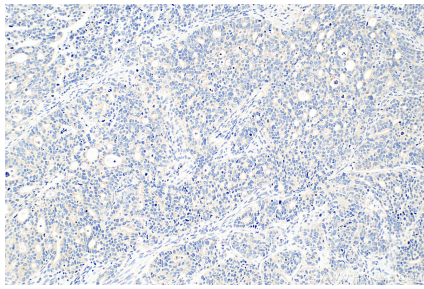
Storage

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

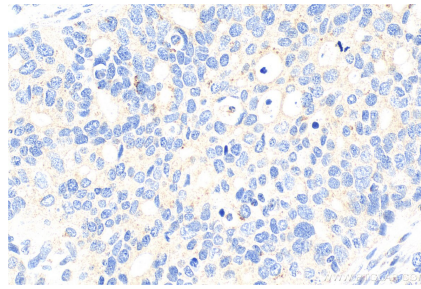
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).