For Research Use Only

NAGA Monoclonal antibody, PBS Only

Catalog Number:67684-1-PBS

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Basic Information

Catalog Number:
67684-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG7225

GenBank Accession Number:
BC000095

GeneID (NCBI):
4668

UNIPROT ID:
P17050

Full Name:
N-acetylgalactosaminidase, alpha-

Calculated MW:
47 kDa

Observed MW:
50 kDa

Purification Method:
Protein A purification

CloneNo.:
2A5F3

Applications

Tested Applications:
WB,Indirect ELISA

Species Specificity:
Human

Background Information

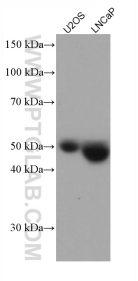
NAGA belongs to the glycosyl hydrolase 27 family. It removes terminal alpha-N-acetylgalactosamine residues from glycolipids and glycopeptides. It is required for the breakdown of glycolipids. Biosynthetic studies performed with cultured fibroblasts indicated that the human enzyme was synthesized as a 65 kDa glycosylated precursor which was processed to a mature 48-kDa lysosomal form; both the precursor and mature forms had high mannose type oligosaccharide chains, but only the precursor's mannose residues were phosphorylated. 90-117 kDa is a homodimer of NAGA.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67684-1-Ig (NAGA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67684-1-PBS in a different storage buffer formulation.