

For Research Use Only

NAGA Monoclonal antibody

Catalog Number: 67684-1-Ig



Basic Information

Catalog Number: 67684-1-Ig	GenBank Accession Number: BC000095	Purification Method: Protein A purification
Size: 500 µg/ml	GeneID (NCBI): 4668	CloneNo.: 2A5F3
Source: Mouse	UNIPROT ID: P17050	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG2b	Full Name: N-acetylgalactosaminidase, alpha-	
Immunogen Catalog Number: AG7225	Calculated MW: 47 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U2OS cells, LNCaP cells
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 -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

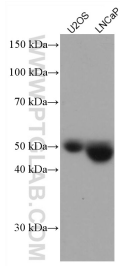
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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.