

For Research Use Only

# NAGA Monoclonal antibody

Catalog Number: 67684-1-Ig



## Basic Information

<b>Catalog Number:</b> 67684-1-Ig	<b>GenBank Accession Number:</b> BC000095	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4668	<b>CloneNo.:</b> 2A5F3
<b>Source:</b> Mouse	<b>Full Name:</b> N-acetylgalactosaminidase, alpha-	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 47 kDa	
<b>Immunogen Catalog Number:</b> AG7225	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB,ELISA	<b>Positive Controls:</b> WB : U2OS cells, LNCaP cells
<b>Species Specificity:</b> 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

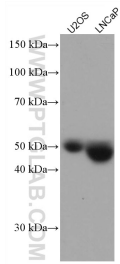
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

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