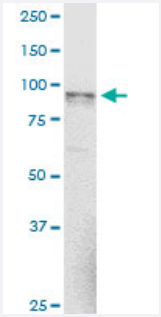
NAGLU monoclonal antibody (M02), clone 1B7

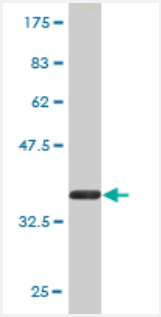
Catalog # H00004669-M02 Size 100 ug

Applications



Western Blot (Cell lysate)

NAGLU monoclonal antibody (M02), clone 1B7. Western Blot analysis of NAGLU expression in NIH/3T3.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NAGLU.
Immunogen	NAGLU (NP_000254, 644 a.a. ~ 742 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	YQLTLWGPEGNILDYANKQLAGLVANYYTPRWRLFLEALVDSVAQGIPFQQHQFDKNVFQLEQAFVLSKQRYPSQPRGDTVDLAKKIFLKYYPGWVAGS
Host	Mouse
Reactivity	Human, Mouse

Interspecies Antigen Sequence	Mouse (80); Rat (76)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  NAGLU monoclonal antibody (M02), clone 1B7. Western Blot analysis of NAGLU expression in NIH/3T3.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — NAGLU

Entrez GeneID	4669
GeneBank Accession#	NM_000263
Protein Accession#	NP_000254
Gene Name	NAGLU
Gene Alias	MPS-IIIB, MPS3B, NAG, UFHSD
Gene Description	N-acetylglucosaminidase, alpha-
Omim ID	252920 609701
Gene Ontology	Hyperlink

Gene Summary	This gene encodes an enzyme that degrades heparan sulfate by hydrolysis of terminal N-acetyl-D-glucosamine residues in N-acetyl-alpha-D-glucosaminides. Defects in this gene are the cause of mucopolysaccharidosis type IIIB (MPS-IIIB), also known as Sanfilippo syndrome B. This disease i s characterized by the lysosomal accumulation and urinary excretion of heparan sulfate. [provided by RefSeq
Other Designations	N-acetyl-alpha-glucosaminidase|alpha-N-acetylglucosaminidase

Pathway

- Glycosaminoglycan degradation
- Lysosome
- Metabolic pathways