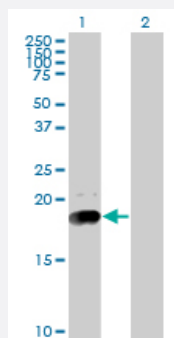


NPC2 monoclonal antibody (M01), clone 4B9

Catalog # H00010577-M01

Size 100 ug

Applications

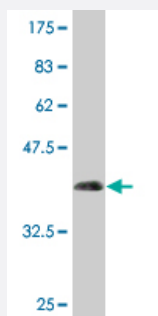


Western Blot (Transfected lysate)

Western Blot analysis of NPC2 expression in transfected 293T cell line by NPC2 monoclonal antibody (M01), clone 4B9.

Lane 1: NPC2 transfected lysate (16.6 kDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (42.35 kDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant NPC2.

Immunogen

NPC2 (AAH02532, 1 a.a. ~ 151 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Sequence

MRFLAATFLLLALSTAAQAEPVQFKDCGSVDGVIKEVNVSPCPTQPCQLSKGQSYSVNVTFTSNI
QSKSSKAVVHGILMGVPVPFPIPEPDGCKSGINCPIQDKTYSYLNKLPVKSEYPSIKLVVEWQLQ
DDKNQSLFCWEIPVQIVSHL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (81); Rat (80)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (42.35 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 (Transfected lysate)

Western Blot analysis of NPC2 expression in transfected 293T cell line by NPC2 monoclonal antibody (M01), clone 4B9.

Lane 1: NPC2 transfected lysate(16.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NPC2

Entrez GeneID	10577
GeneBank Accession#	BC002532
Protein Accession#	AAH02532
Gene Name	NPC2
Gene Alias	HE1, MGC1333, NP-C2
Gene Description	Niemann-Pick disease, type C2
Omim ID	601015 607625
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein containing a lipid recognition domain. The encoded protein may function in regulating the transport of cholesterol through the late endosomal/lysosomal system. Mutations in this gene have been associated with Niemann-Pick disease, type C2 and frontal lobe atrophy. [provided by RefSeq]

Other Designations

epididymal secretory protein|epididymal secretory protein E1|tissue-specific secretory protein

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Niemann-Pick Disease](#)