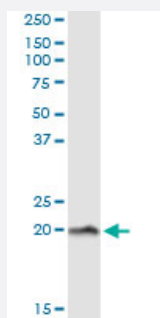


NPC2 monoclonal antibody (M11), clone 1F4

Catalog # H00010577-M11

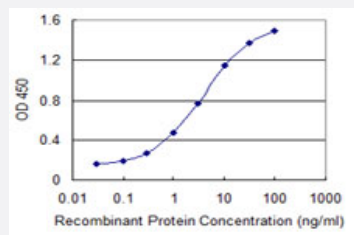
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of NPC2 transfected lysate using anti-NPC2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NPC2 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NPC2 is 0.03 ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NPC2.

Immunogen

NPC2 (NP_006423.1, 52 a.a. ~ 151 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GQSYSVNVTFTSNIQSKSSKAVVHGILMGVPVPFPIPEPDGCKSGINCPIQKDKTYSYLNKLPVKSE
YPSIKLVVEWQLQDDKNQSLFCWEIPVQIVSHL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (81); Rat (80)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

Immunoprecipitation of NPC2 transfected lysate using anti-NPC2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NPC2 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

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Detection limit for recombinant GST tagged NPC2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NPC2

Entrez GeneID	10577
GeneBank Accession#	NM_006432
Protein Accession#	NP_006423.1
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](#)