

Mouse anti-Human NPC1 Monoclonal Antibody | anti-NPC1 antibody

Mouse Monoclonal Antibody to NPC1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268250	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

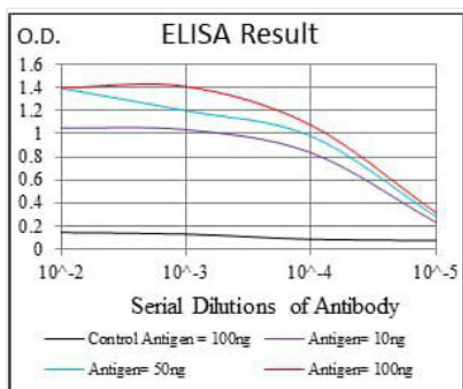
PRODUCT SYNONYMS

NPC1; Monoclonal Antibody; Mouse Monoclonal Antibody to NPC1; NPC; anti-NPC1 antibody

PRODUCT SPECIFICATIONS

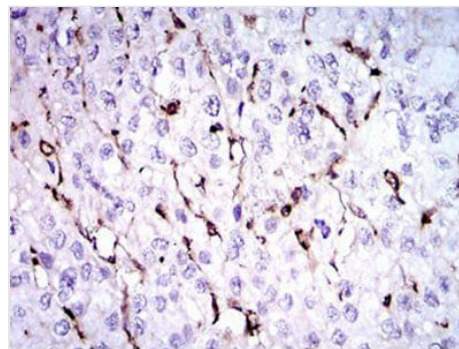
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8D10G3
Form/Format	Purified antibody 0.5mg/ml in PBS with 0.05% sodium azide
Sequence Length	1278
Applicable Applications for anti-NPC1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human NPC1 (AA: 34-174) expressed in E. Coli.

IMAGES



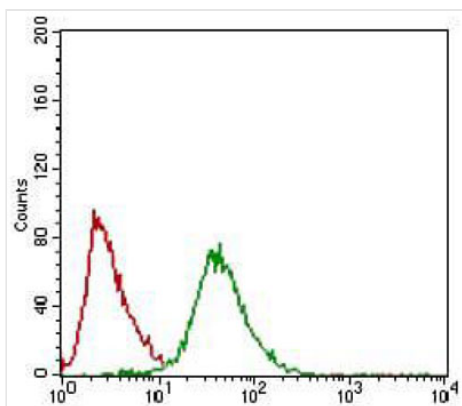
ELISA

Black line: Control Antigen (100 ng);Purple line: Antigen(10ng);Blue line: Antigen (50 ng);Red line: Antigen (100 ng).

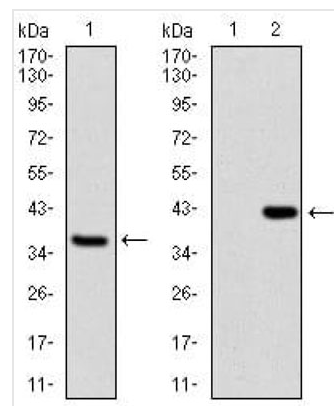


IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffinembedded liver cancer tissues using NPC1 mouse mAb with DAB staining.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HeLa cells using NPC1 mouse mAb (green) and negative control (red).



WB (Western Blot)
Western blot analysis using NPC1 mAb against human NPC1 recombinant protein. (Expected MW is 37.6 kDa) (Left). Western blot analysis using NPC1 mAb against HEK293 (1) and NPC1 (AA:34-174)-hlgGfC transfected HEK293 (2) cell lysate (Right).

NCBI AND UNIPROT INFORMATION

NCBI GI #	2251242
NCBI GeneID	18145
Molecular Weight	142.2kDa
NCBI Official Full Name	NPC1
NCBI Official Synonym Full Names	NPC intracellular cholesterol transporter 1
NCBI Official Symbol	Npc1
NCBI Official Synonym Symbols	spm; lcsd; C85354; nmf164; D18Erttd139e; D18Erttd723e; A430089E03Rik
NCBI Protein Information	NPC intracellular cholesterol transporter 1; Niemann-Pick C1 protein
UniProt Protein Name	NPC intracellular cholesterol transporter 1
UniProt Gene Name	Npc1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/npc1-antibody-clone-8d10g3-flow-cytometry-immunohistochemistry-western-blot-elisa/268250>