Mouse NIT1 Monoclonal Antibody | anti-NIT1 antibody

NIT1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106876	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

NIT1; Monoclonal Antibody; NIT1 antibody; Monoclonal NIT1; Anti-NIT1; Nitrilase 1; MGC57670; NIT 1; NIT-1; anti-NIT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3A11
Purity/Purification	NIT1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	327
Applicable Applications for anti-NIT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	The function of NIT1 has not been widely studied, and is yet to be fully elucidated.
Cross-Reactivity	Human
Immunogen	NIT1 antibody was raised in mouse using a full length recombinant protein of human NIT1 (NP_005591) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant NIT1 protein using NIT1 antibody

IHC (Immunohistochemisry)
Immunohistochemical analysis of NIT1 protein in paraffin embedded Human pancreas tissue using NIT1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NIT1 protein (Right) or empty vector (Left) detected with NIT1 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant NIT1 protein (red) or empty vector (blue) stained using NIT1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NIT1 antibody	Mouse monoclonal NIT1 antibody
Product Categories/Family for anti-NIT1 antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031947
NCBI GeneID	4817
NCBI Accession #	NP_005591
NCBI GenBank Nucleotide #	NM_005600.2
UniProt Accession #	Q86X76; O76091; B1AQP3; D3DVF4
Molecular Weight	26,326 Da
NCBI Official Full Name	nitrilase homolog 1 isoform 1
NCBI Official Synonym Full Names	nitrilase 1
NCBI Official Symbol	NIT1
NCBI Protein Information	nitrilase homolog 1
UniProt Protein Name	Nitrilase homolog 1
UniProt Gene Name	**NIT1**
UniProt Entry Name	NIT1_HUMAN

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/nit1-antibody-clone-3a11-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106876