Mouse NUDT6 Monoclonal Antibody | anti-NUDT6 antibody

NUDT6 antibody

CATALOG #	HOST	APPLICATIONS
AAA107516	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

NUDT6; Monoclonal Antibody; NUDT6 antibody; Monoclonal NUDT6; Anti-NUDT6; Nudix type motif 6; Nucleoside diphosphate linked moiety X; FGF2AS; gfg; Antisense basic fibroblast growth factor; Nudix motif 6; ASFGF2; bFGF; NUDT 6; NUDT-6; anti-NUDT6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2H1
Purity/Purification	NUDT6 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	316
Applicable Applications for anti-NUDT6 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	FGF2 is a highly conserved, multifunctional heparin-binding growth factor involved in neuroectoderm development, angiogenesis, and wound healing. Elevated levels of FGF2 are associated with proliferation of smooth muscle in atherosclerosis and with proliferation of tumors. The FGF2 antisense gene, NUDT6, may regulate FGF2 expression.
Cross-Reactivity	Human, Monkey
Immunogen	NUDT6 antibody was raised in mouse using a full length recombinant protein of human NUDT6 (NP_009014) 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 NUDT6 protein using NUDT6 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NUDT6 protein (Right) or empty vector (Left) detected with NUDT6 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant NUDT6 protein (red) or empty vector (blue) stained using NUDT6 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NUDT6 antibody	Mouse monoclonal NUDT6 antibody
Product Categories/Family for anti-NUDT6 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149583
NCBI GeneID	11162
NCBI Accession #	NP_009014
NCBI GenBank Nucleotide #	NM_007083.4
UniProt Accession #	P53370; O95097; Q9UQD9; A8K756
Molecular Weight	17,082 Da
NCBI Official Full Name	nucleoside diphosphate-linked moiety X motif 6 isoform a
NCBI Official Synonym Full Names	nudix (nucleoside diphosphate linked moiety X)-type motif 6
NCBI Official Symbol	NUDT6
NCBI Official Synonym Symbols	GFG1; GFG-1; ASFGF2; FGF-AS; FGF2AS
NCBI Protein Information	nucleoside diphosphate-linked moiety X motif 6
UniProt Protein Name	Nucleoside diphosphate-linked moiety X motif 6
UniProt Gene Name	**NUDT6**
UniProt Synonym Gene Names	FGF2AS; Nudix motif 6
UniProt Entry Name	NUDT6_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/nudt6-antibody-clone-2h1-western-blot-immunofluorescence-flow-cytometry-elisa/107516