



NUDT9 mouse mAb

Catalog No	YP-mAb-12105
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NUDT9 NUDT10 PSEC0099 UNQ3012/PRO9771
Immunogen	Synthesized peptide derived from human NUDT9 AA range: 107-157
Specificity	This antibody detects endogenous levels of NUDT9 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1 :500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Calculated Molecular Weight	39kD
Observed Band	
Cell Pathway	[Isoform 1]: Mitochondrion.
Tissue Specificity	Ubiquitously expressed but isoform 1 is the most predominant isoform.
Function	catalytic activity:ADP-ribose + H(2)O = AMP + D-ribose 5-phosphate., cofactor:Magnesium.,cofactor:Manganese.,function:Hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate.,induction:Isoform 1 is inhibited by fluoride and N-acetyl-p-benzoquinoneimine.,similarity:Belongs to the Nudix hydrolase family. NudF subfamily.,subunit:Monomer. Interacts with C17orf25., tissue specificity:Ubiquitously expressed but isoform 1 is the most predominant isoform.,
Background	The protein encoded by this gene belongs to the Nudix hydrolase family. Nudix boxes are found in a family of diverse enzymes that catalyze the hydrolysis of nucleoside diphosphate derivatives. This enzyme is an ADP-ribose pyrophosphatase that catalyzes the hydrolysis of ADP-ribose to AMP and ribose-5-P. It requires divalent metal ions and an intact Nudix motif for enzymatic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

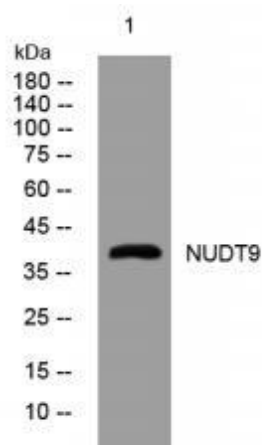
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4° over night