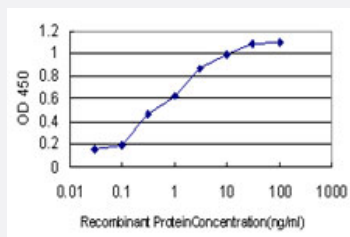


NUDT3 monoclonal antibody (M01), clone 3C5

Catalog # H00011165-M01

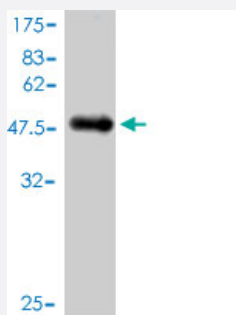
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NUDT3 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (44.66 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant NUDT3.
Immunogen	NUDT3 (AAH07727, 1 a.a. ~ 172 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MMKLKSNQTRTYDGDGYKKRAACLCFRSESEEEVLLVSSSRHPDRWVPGGGMEPEEEPSVAA VREVCEEAGVKGTGLGRLVGIFENQERKHRTYVYVLMTEVLEDWEDSVNIGRKREWFKIEDAIKVL QYHKPVQASYFETLRQGYSANNGTPVVATTYSVSAQSSMSGIR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (95); Rat (94)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44.66 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NUDT3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NUDT3

Entrez GeneID	11165
GeneBank Accession#	BC007727
Protein Accession#	AAH07727
Gene Name	NUDT3
Gene Alias	DIPP, DIPP1
Gene Description	nudix (nucleoside diphosphate linked moiety X)-type motif 3
Omim ID	609228
Gene Ontology	Hyperlink

Gene Summary

NUDT3 belongs to the MutT, or Nudix, protein family. Nudix proteins act as homeostatic checkpoints at important stages in nucleoside phosphate metabolic pathways, guarding against elevated levels of potentially dangerous intermediates, like 8-oxo-dGTP, which promotes AT-to-CG transversions (Safrany et al., 1998 [PubMed 9822604]).[supplied by OMIM]

Other Designations

OTTHUMP00000016227[diphosphoinositol polyphosphate phosphohydrolase|nudix-type motif 3]