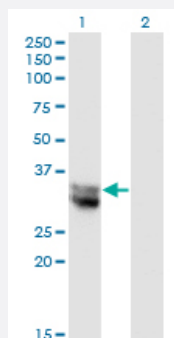


NIT1 monoclonal antibody (M01), clone 1C3

Catalog # H00004817-M01

Size 100 ug

Applications

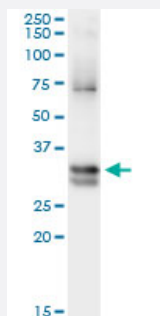


Western Blot (Transfected lysate)

Western Blot analysis of NIT1 expression in transfected 293T cell line by NIT1 monoclonal antibody (M01), clone 1C3.

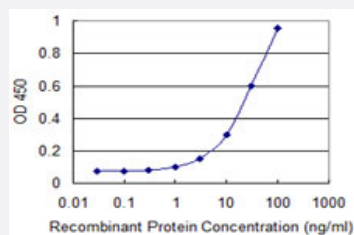
Lane 1: NIT1 transfected lysate (Predicted MW: 35.9 KDa).

Lane 2: Non-transfected lysate.



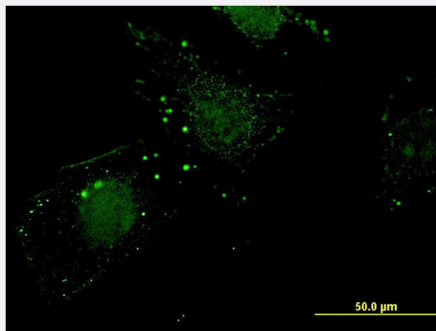
Immunoprecipitation

Immunoprecipitation of NIT1 transfected lysate using anti-NIT1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NIT1 monoclonal antibody.



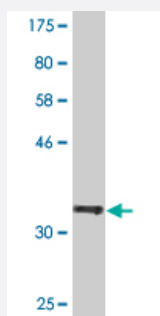
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NIT1 is 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NIT1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NIT1.
Immunogen	NIT1 (NP_005591.1, 228 a.a. ~ 327 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AFGSITGPAHWEVLLRARALETQCYYVAAAQCGRHHEKRASYGHSMVVDPWGTVVARCSEGG LCLARIDLNYLRQLRRHLPVFQHRRPDLYGNLGHPLS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of NIT1 expression in transfected 293T cell line by NIT1 monoclonal antibody (M01), clone 1C3.

Lane 1: NIT1 transfected lysate (Predicted MW: 35.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of NIT1 transfected lysate using anti-NIT1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NIT1 monoclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NIT1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NIT1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — NIT1

Entrez GeneID	4817
GeneBank Accession#	NM_005600
Protein Accession#	NP_005591.1
Gene Name	NIT1
Gene Alias	MGC57670
Gene Description	nitrilase 1
Omim ID	604618
Gene Ontology	Hyperlink

Other DesignationsOTTHUMP00000029696
