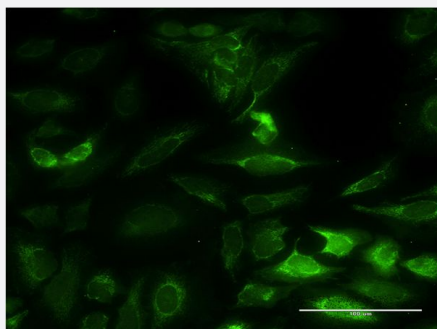


NT5M monoclonal antibody (M02), clone 3E2

Catalog # H00056953-M02

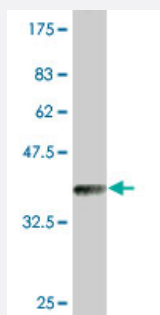
Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to NT5M on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NT5M.
Immunogen	NT5M (AAH35838, 129 a.a. ~ 228 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	CTSPIKMFKYCPYEKYAWVEKYFGPDFLEQMLTRDKTVVSADLLIDDRPDITGAEPTPSWEHVLFT ACHNQHLQLQPPRRRLHSWADDWKAILDSKRPC
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (84); Rat (84)
Isotype	IgG2a Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 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](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to NT5M on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — NT5M

Entrez GeneID	56953
GeneBank Accession#	BC035838
Protein Accession#	AAH35838
Gene Name	NT5M
Gene Alias	dNT-2, dNT2, mdN
Gene Description	5',3'-nucleotidase, mitochondrial
Omim ID	605292
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a 5' nucleotidase that localizes to the mitochondrial matrix. This enzyme dephosphorylates the 5'- and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides. The gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq]

Other Designations

5' nucleotidase, mitochondrial|5(3)-deoxyribonucleotidase|deoxy-5'-nucleotidase 2|mitochondrial
5' nucleotidase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)