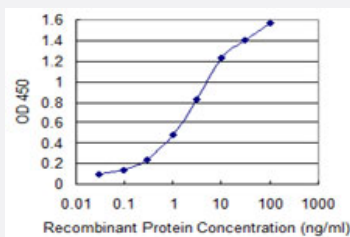


ARMET monoclonal antibody (M01), clone 1D10

Catalog # H00007873-M01

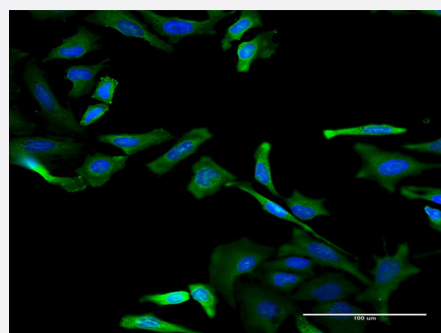
Size 100 ug

Applications



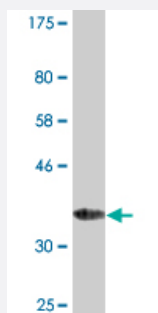
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to ARMET on HeLa cell .
[antibody concentration 40 ug/ml]



Western Blot detection against Immunogen (33.33 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ARMET.

Immunogen	ARMET (NP_006001.2, 116 a.a. ~ 185 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DSQICELKYDKQIDLSTVDLKKLRVKELKKILDDWGETCKGCAEKSDYIRKINELMPKYAPKAASARTDL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.33 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 ARMET is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ARMET on HeLa cell . [antibody concentration 40 ug/ml]

Gene Info — ARMET

Entrez GeneID [7873](#)

GeneBank Accession# [NM_006010](#)

Protein Accession#	NP_006001.2
Gene Name	ARMET
Gene Alias	ARP, MANF, MGC142148, MGC142150
Gene Description	arginine-rich, mutated in early stage tumors
Omim ID	260350 601916
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and promotes cell proliferation. The protein was initially thought to be longer at the N-terminus and to contain an arginine-rich region but transcribed evidence indicates a smaller open reading frame that does not encode the arginine tract. The presence of a specific mutation changing the previously numbered codon 50 from ATG to AGG, or deletion of that codon, has been reported in a variety of solid tumors. With the protein size correction, this codon is now identified as the initiation codon. [provided by RefSeq]</p>
Other Designations	arginine-rich protein

Publication Reference

- [Mesencephalic astrocyte-derived neurotrophic factor reduces cell apoptosis via upregulating HSP70 in SHSY-5Y cells.](#)

Sun H, Jiang M, Fu X, Cai Q, Zhang J, Yin Y, Guo J, Yu L, Jiang Y, Liu Y, Feng L, Nie Z, Fang J, Jin L.

Translational Neurodegeneration 2017 May; 6:12.

Application: WB, Human, SHSY-5Y cells

- [Mesencephalic astrocyte-derived neurotrophic factor reduces cell apoptosis via upregulating GRP78 in SH-SY5Y cells.](#)

Huang J, Chen C, Gu H, Li C, Fu X, Jiang M, Sun H, Xu J, Fang J, Jin L.

Cell Biology International 2016 Jul; 40(7):803.

Application: WB-Ce, Human, SH-SY5Y cells