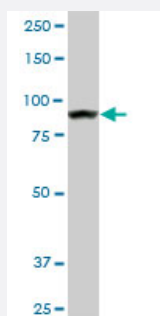


AMPD2 monoclonal antibody (M01), clone 2F5

Catalog # H00000271-M01

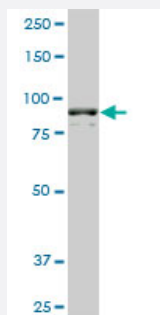
Size 50 ug

Applications



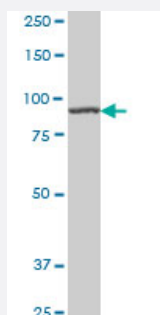
Western Blot (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in Raw 264.7 (Cat # L024V1).



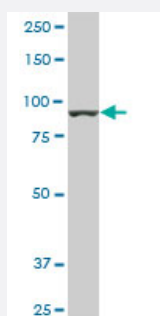
Western Blot (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in NIH/3T3 (Cat # L018V1).



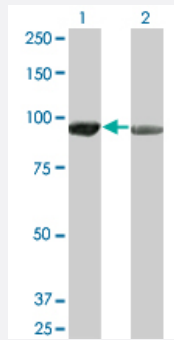
Western Blot (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5 Western Blot analysis of AMPD2 expression in Hela S3 NE (Cat # L013V3).



Western Blot (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in PC-12 (Cat # L012V1).

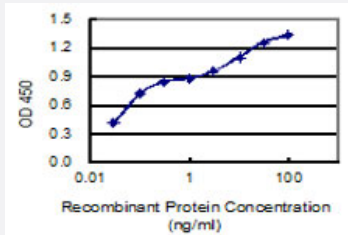


Western Blot (Transfected lysate)

Western Blot analysis of AMPD2 expression in transfected 293T cell line by AMPD2 monoclonal antibody (M01), clone 2F5.

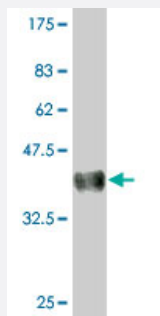
Lane 1: AMPD2 transfected lysate (92.1 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AMPD2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa).

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant AMPD2.
Immunogen	AMPD2 (NP_631895, 86 a.a. ~ 185 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ISQDVKLEPDILLRAKQDFLKTDSDSDLQLYKEQGEGQGDRSLRERDVLEREFQQRVTISGEEKCG VPFTDLLDAAKSVVRALFIREKYMALSLQSFCTT
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (96); Rat (96)
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 (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5 Western Blot analysis of AMPD2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AMPD2 expression in transfected 293T cell line by AMPD2 monoclonal antibody (M01), clone 2F5.

Lane 1: AMPD2 transfected lysate(92.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AMPD2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — AMPD2

Entrez GeneID	271
GeneBank Accession#	NM_139156
Protein Accession#	NP_631895
Gene Name	AMPD2
Gene Alias	-
Gene Description	adenosine monophosphate deaminase 2 (isoform L)
Omim ID	102771
Gene Ontology	Hyperlink
Gene Summary	Adenosine monophosphate deaminase-2 (EC 3.5.4.6) catalyzes the deamination of AMP to IMP and plays an important role in the purine nucleotide cycle.[supplied by OMIM]
Other Designations	AMP deaminase 2 OTTHUMP00000013369 OTTHUMP00000013371

Pathway

- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)

- [Coronary Artery Disease](#)