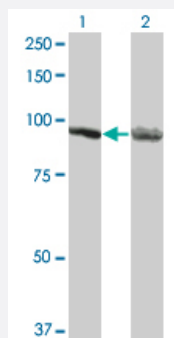


AMPD2 monoclonal antibody (M05), clone 3C5

Catalog # H00000271-M05

Size 100 ug

Applications

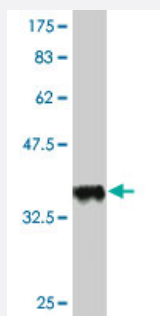


Western Blot (Transfected lysate)

Western Blot analysis of AMPD2 expression in transfected 293T cell line by AMPD2 monoclonal antibody (M05), clone 3C5.

Lane 1: AMPD2 transfected lysate(92.1 KDa).

Lane 2: Non-transfected lysate.



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

ISQDVKLEPDILLRAKQDFLKTDSDSDLQLYKEQGEGQGDRSLRERDVLEREFQRVVISGEEKCG
VPFTDLLDAAKSVVRALFIREKYMALSLQSFCTT

Host

Mouse

Reactivity

Human

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 (Transfected lysate)

Western Blot analysis of AMPD2 expression in transfected 293T cell line by AMPD2 monoclonal antibody (M05), clone 3C5.

Lane 1: AMPD2 transfected lysate(92.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[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](#)