

AMPD2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant AMPD2.

Catalog # AT1133a

Specification

AMPD2 Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	Q01433
Other Accession	NM_139156
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	100688

AMPD2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 271

Other Names

AMP deaminase 2, AMP deaminase isoform L, AMPD2

Target/Specificity

AMPD2 (NP_631895, 86 a.a. ~ 185 a.a)
partial recombinant protein with GST tag.
MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

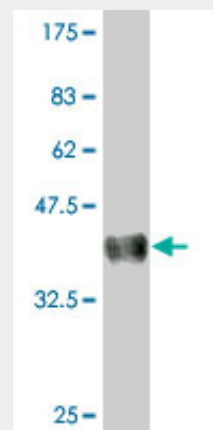
Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

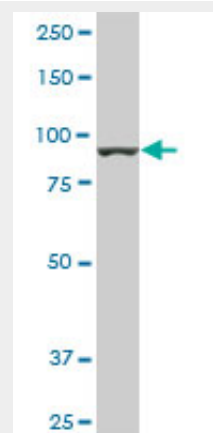
Precautions

AMPD2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

AMPD2 Antibody (monoclonal) (M01) - Protocols



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



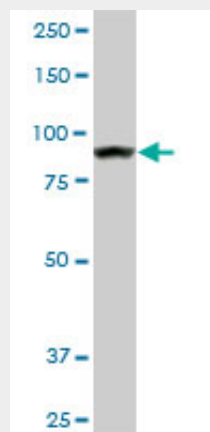
AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in PC-12 ((Cat # AT1133a)

Provided below are standard protocols that you may find useful for product applications.

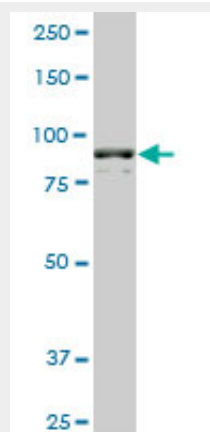
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



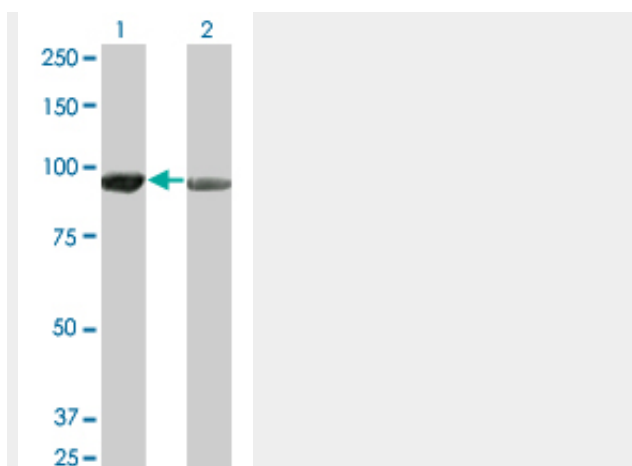
AMPD2 monoclonal antibody (M01), clone 2F5 Western Blot analysis of AMPD2 expression in HeLa S3 NE ((Cat # AT1133a)



AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in Raw 264.7 ((Cat # AT1133a)



AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in NIH/3T3 ((Cat # AT1133a)



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.

AMPD2 Antibody (monoclonal) (M01) - Background

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.

AMPD2 Antibody (monoclonal) (M01) - References

Genome-wide association study of recurrent early-onset major depressive disorder. Shi J, et al. Mol Psychiatry, 2010 Feb 2. PMID 20125088. Integrative predictive model of coronary artery calcification in atherosclerosis. McGeachie M, et al. Circulation, 2009 Dec 15. PMID 19948975. Expression patterns of AMP-deaminase isozymes in human hepatocellular carcinoma (HCC). Szydłowska M, et al. Mol Cell Biochem, 2008 Nov. PMID 18493842. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.