

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 | O01433 |
| Other Accession | NM_139156 |
| Reactivity | Human, Mouse, Rat |
| Host | mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 Kappa |
| Calculated MW | 94890 |

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.

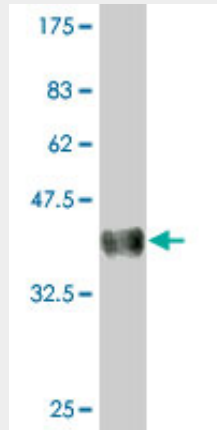
AMPD2 Antibody (monoclonal) (M01) - Protocols

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

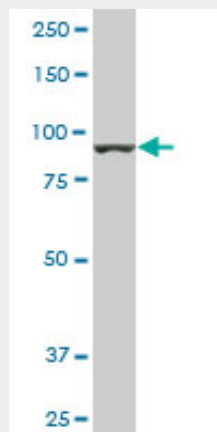
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

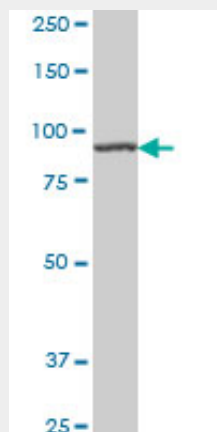
AMPD2 Antibody (monoclonal) (M01) - Images



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

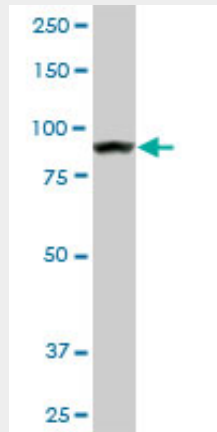


AMPD2 monoclonal antibody (M01), clone 2F5. Western Blot analysis of AMPD2 expression in PC-12 ((Cat # AT1133a)

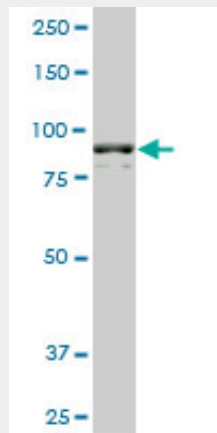


AMPD2 monoclonal antibody (M01), clone 2F5 Western Blot analysis of AMPD2 expression in HeLa

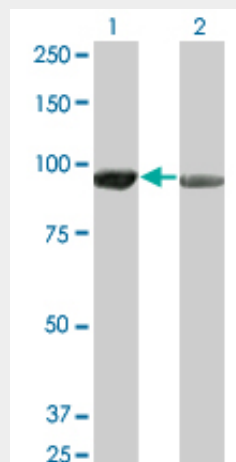
S3 NE ((Cat # AT1133a)



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.