

# Product Datasheet

## AMPD2 Antibody (2G8) H00000271-M04A

Unit Size: 0.2 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00000271-M04A**

AMPD2 Antibody (2G8)

**Product Information**

<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2G8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites

**Product Description**

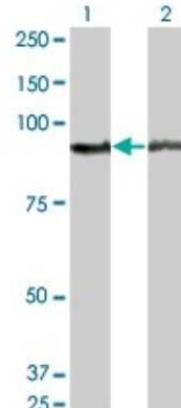
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	271
<b>Gene Symbol</b>	AMPD2
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	AMPD2 - adenosine monophosphate deaminase 2 (isoform L) (2G8)
<b>Immunogen</b>	AMPD2 (NP_631895, 86 a.a. ~ 185 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ISQDVKLEPDILLRAKQDFLKTSDSDLQLYKEQGEGQGDRSLRERDVLEREF QRVTISGEEKCGVPFTDLLDAAKSVVRALFIREKYMALSLQSFCPTT
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

**Images**

Western Blot: AMPD2 Antibody (2G8) [H00000271-M04A] - Analysis of AMPD2 expression in transfected 293T cell line by AMPD2 monoclonal antibody (M04A), clone 2G8. Lane 1: AMPD2 transfected lysate (92.1 KDa). Lane 2: Non-transfected lysate.



## Publications

Plaideau C, Lai YC, Kviklyte S et al. Effects of Pharmacological AMP Deaminase Inhibition and Ampd1 Deletion on Nucleotide Levels and AMPK Activation in Contracting Skeletal Muscle. *Chem Biol*. 2014-11-20 [PMID: 25459662]

Cicerchi Christina, Li Nanxing, Kratzer James et al. Uric acid-dependent inhibition of AMP kinase induces hepatic glucose production in diabetes and starvation: evolutionary implications of the uricase loss in hominids. *FASEB J*. 2014-04-22 [PMID: 24755741]



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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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