

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)**

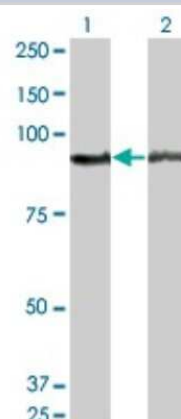
Product Information	
Unit Size	0.2 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2G8
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Unpurified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

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	271
Gene Symbol	AMPD2
Species	Human, Mouse
Specificity/Sensitivity	AMPD2 - adenosine monophosphate deaminase 2 (isoform L) (2G8)
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. ISQDVKLEPDILLRAKQDFLKTDSDDLQLYKEQGEGQGDRSLRERDVLEREF QRTVISGEEKCGVPFTDLLDAAKSVVRALFIREKYMALSLQSFCPTT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	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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