



Datasheet for ABIN513315
anti-AMPD2 antibody (AA 86-185)



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Overview

Quantity:	200 µL
Target:	AMPD2
Binding Specificity:	AA 86-185
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AMPD2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	ISQDVKLEPD ILLRAKQDFL KTDSDSLQL YKEQGEGQGD RSLRERDVLE REFQRTISG EEKCGVPFTD LLDAAKSVR ALFIREKYMA LSLQFCPTT
Clone:	2G8
Isotype:	IgG2a kappa
Cross-Reactivity:	Human

Target Details

Target:	AMPD2
Alternative Name:	AMPD2 (AMPD2 Products)
Background:	Full Gene Name: adenosine monophosphate deaminase 2 (isoform L) Synonyms:
Gene ID:	271
NCBI Accession:	NP_631895 , NM_139156

Application Details

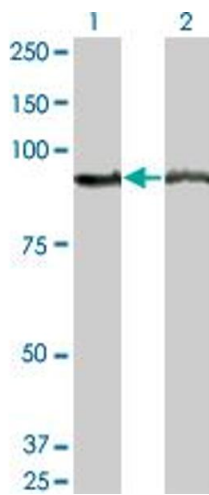
Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Product Quality tested by: Antibody Reactive Against Recombinant Protein.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In ascites fluid
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Mulla, Brosens, Chamley, Giles, Pericleous, Rahman, Joyce, Panda, Paidas, Abrahams: "Antiphospholipid antibodies induce a pro-inflammatory response in first trimester trophoblast via the TLR4/MyD88 pathway." in: American journal of reproductive immunology (New York, N.Y. : 1989) , Vol. 62, Issue 2, pp. 96-111, (2009) (PubMed).
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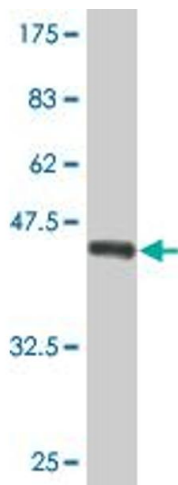


Western Blotting

Image 1. Western Blot 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.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 KDa) .