



Mouse anti-Human AMPD2 monoclonal antibody, clone 4D6 (CABT-B9755)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	AMPD2 (NP_631895, 86 a.a. ~ 186 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4D6
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	ISQDVKLEPDILLRAKQDFLKTSDSDLQLYKEQGEGQGDRSLRERDVLEREFQRTISG EEKCGVPFTDLLDAAKSVVRALFIREKYMALSLQSFCPTT*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is important in purine metabolism by converting AMP to IMP. The encoded protein, which acts as a homotetramer, is one of three AMP deaminases found in
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mammals. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Keywords	AMPD2; adenosine monophosphate deaminase 2; PCH9; SPG63; AMP deaminase 2; AMPD; adenosine monophosphate deaminase 2 (isoform L);
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GENE INFORMATION

Entrez Gene ID	271
UniProt ID	Q01433
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Purine salvage, organism-specific biosystem
Function	AMP deaminase activity; hydrolase activity; metal ion binding
