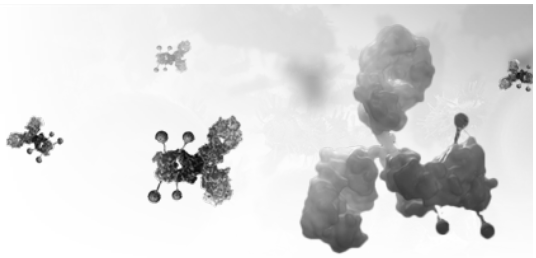

Mouse anti-Human ADSSL1 monoclonal antibody, clone 3E23 (CABT-B9733)

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

PRODUCT INFORMATION

Immunogen	ADSSL1 (NP_689541, 369 a.a. ~ 437 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	3E23
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	VLGEVKVGVSYKLNGKRIPYFPANQEMLQKVEVEYETLPGWKADTTGARRWEDLPPQAQN YIRFVENH*
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	ADSSL1 is a muscle isozyme of adenylosuccinate synthase (EC 6.3.4.4), which catalyzes the initial reaction in the conversion of inosine monophosphate (IMP) to adenosine monophosphate

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	(AMP) (Sun et al., 2005 [PubMed 15786719]).[supplied by OMIM, Dec 2008]
Keywords	ADSSL1; adenylosuccinate synthase like 1; adenylosuccinate synthetase isozyme 1; adSS 1; AMPSase 1; IMP--aspartate ligase 1; M-type adenylosuccinate synthetase; adenylosuccinate synthetase, basic isozyme; adenylosuccinate synthetase, muscle isozyme;

GENE INFORMATION

Entrez Gene ID	122622
UniProt ID	Q8N142
Pathway	Alanine, aspartate and glutamate metabolism, organism-specific biosystem; Alanine, aspartate and glutamate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem
Function	GTP binding; adenylosuccinate synthase activity; ligase activity; magnesium ion binding; nucleotide binding; phosphate binding

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