

ADSS mouse monoclonal antibody (hybridoma)

Catalog # H00000159-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ADSS.
Immunogen	ADSS (NP_001117.2, 1 a.a. ~ 456 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAFAETYPAASSLPNGDCGRPRARPGGNRVTVVLGAQWGDEGKGKVVDLLAQDADIVCRCQG GNNAGHTVVVDSVEYDFHLLPSGIINPNVTAFIGNGVVIHLPGLFEEAEKNVQKGKGLEGWEKRLII SDRAHIVDFHQAADGIQEQQRQEAGKNLGTTKKGIGPVYSSKAARSGLRMCDLVSDFDGFSE RFKVLANQYKSMPTLEIDIEGELQKLKGYMEKIKPMVRDGVYFLYEALHGPPKKILVEGANAAALLDI DFGTYPFVTSSNCTVGGVCTGLGMPPQNVGEVYGVVKAYTTRVGIGAFPTEQDNEIGELLQTRGR EFGVTTGRKRRCGWLDLVLLKYAHMINGFTALATKLDILDMFTEIKVGVAAYKLDGEIIPHIPANQEV LNKVEVQYKTLPGWNTDISNARAFKELPVNAQNYVRFIEDELQIPVKWIGVGKSRESMIQLF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ADSS

Entrez GeneID	159
GeneBank Accession#	NM_001126.2
Protein Accession#	NP_001117.2
Gene Name	ADSS
Gene Alias	ADEH, MGC20404
Gene Description	adenylosuccinate synthase
Omim ID	103060
Gene Ontology	Hyperlink
Gene Summary	Adenylosuccinate synthetase catalyzes the first committed step in the conversion of IMP to AMP [provided by RefSeq
Other Designations	Adenylosuccinate synthetase (Ade(-)H-complementing) OTTHUMP00000037982

Pathway

- [Alanine](#)
- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Ataxia telangiectasia](#)

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)