

ABCE1 mouse monoclonal antibody (hybridoma)

Catalog # H00006059-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ABCE1.
Immunogen	ABCE1 (NP_001035809.1, 1 a.a. ~ 599 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MADKLTRIAVNHDKCKPKKCRQECKKSCPVVVMGKLCIEVTPQSKIAWISETLCIGCGICIKKCPF GALSIVNLPSNLEKETTHRYCANAFKLHRLPIPRPGEVLGLVGTNGIGKSTALKILAGKQKPNLGKY DDPPDWQEILTYFRGSELQNYFTKILEDLKAIIKPQYVDQIPKAAKGTVGSILDRKDETKTQAIVCQ QLDLTHLKERNVEDLSGGELQRFACAVVCIQKADIFMFDEPSSYLDVKQRLKAATIRSLINPDRIYIV VEHDLSVLDYLSDFICCLYGVP SAYGVVTMPFSVREGINIFLDGYVPTENLRFRDASLVFKVAETA NEEEVKKMCMYKYPGMKKKMGEFELAVAGEFTDSEIMVMLGENGTGKTTFIRMLAGRLKPDEG GEVPVLNVSYPKQKISPKSTGSVRQLLHEKIRDAYTHPQFVTDVMKPLQIENIIDQEVQTLSSGGELQ RVALALCLGKPADVYLIDEPSAYLDSEQRLMAARVVKR FILHAKKTAFVVEHDFIMATYLADRVVVF DGVPSKNTVANSPQTLLAGMNKFLSQLEITFRDPNNYRPRINKLNSIKDVEQKKSGNYFFLDD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)
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 — ABCE1

Entrez GeneID [6059](#)

GeneBank Accession# [NM_001040876.1](#)

Protein Accession# [NP_001035809.1](#)

Gene Name ABCE1

Gene Alias ABC38, OABP, RLI, RNASEL1, RNASELI, RNS4I

Gene Description ATP-binding cassette, sub-family E (OABP), member 1

Omim ID [601213](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

ATP-binding cassette, sub-family E, member 1|RNase L inhibitor|ribonuclease L (2',5'-oligoadenylate synthetase-dependent) inhibitor

Disease

- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)