



Mouse anti-Human CERS2 monoclonal antibody, clone 2B7 (CABT-B9951)

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

PRODUCT INFORMATION

Immunogen	LASS2 (-, 1 a.a. ~ 381 a.a) full-length recombinant protein with GST tag.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human
Clone	2B7
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	MLQTLYDYFWWERLWLPVNLTWADLEDGRVYAKASDLITLPLALLFLIVRYFFELYV ATPLAALLNIKEKTRLRAPPNATLEHFYLTSGKQPKQVEVELLSRQSGLSGRQVERWFRR RRNQDRPSLLKKFREASWRFTFYLIAFIAGMAVIVDKPWFYDMKKVWEGYPIQSTIPSQY WYYMIELSFYWLLFSIASDVKRKDFKEQIIHHVATIILISFSWFANYIRAGTLIMALHD SSDYLLES AKMFNYA
Format	Liquid
Size	200 µl
Buffer	In ascites fluid
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a protein that has sequence similarity to yeast longevity assurance gene 1. Mutation or overexpression of the related gene in yeast has been shown to alter yeast lifespan. The human protein may play a role in the regulation of cell growth. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008]
Keywords	CERS2; ceramide synthase 2; L3; LASS2; SP260; TMSG1; LAG1 longevity assurance 2; LAG1 homolog, ceramide synthase 2; tumor metastasis-suppressor gene 1 protein; longevity assurance (LAG1, <i>S. cerevisiae</i>) homolog 2;

GENE INFORMATION

Entrez Gene ID	29956
UniProt ID	Q96G23
Pathway	Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sphingosine N-acyltransferase activity; sphingosine N-acyltransferase activity