

Datasheet

SPTLC1 monoclonal antibody (M09), clone 3D11

Catalog Number: H00010558-M09

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant SPTLC1.

Clone Name: 3D11

Immunogen: SPTLC1 (AAH07085, 43 a.a. ~ 143 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

TYKLQERSDLTVKEKEELIEEWQPEPLVPPVPKDHPL
NYNIVSGPPSHKTVVNGKECINFASFNLGLLDNPRVK
AATLASLKKGVGTCGPRGFYGTFE

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10558

Gene Symbol: SPTLC1

Gene Alias: HSAN, HSAN1, HSN1, LBC1, LCB1, MGC14645, SPT1, SPTI

Gene Summary: Serine palmitoyltransferase, which consists of two different subunits, is the key enzyme in sphingolipid biosynthesis. It converts L-serine and

palmitoyl-CoA to 3-oxosphinganine with pyridoxal 5'-phosphate as a cofactor. The product of this gene is the long chain base subunit 1 of serine palmitoyltransferase. Mutations in this gene were identified in patients with hereditary sensory neuropathy type 1. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq]