

Datasheet

SPG3A monoclonal antibody (M10), clone 1B11

Catalog Number: H00051062-M10

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant SPG3A.

Clone Name: 1B11

Immunogen: SPG3A (NP_056999, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAKNRRDRNSWGGFSEKTYEWSSEEEEPVKKAGPV
QVLIVKDDHSFELDETALNRILLSEAVRDKEVVAVSVA
GAFRKGKGSFLMDFMLRYMYNQESVDWV

Host: Mouse

Reactivity: Human, Rat

Applications: ELISA, WB-Ce, 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: IgG1 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: 51062

Gene Symbol: ATL1

Gene Alias: AD-FSP, FSP1, GBP3, SPG3, SPG3A, atlastin1

Gene Summary: The protein encoded by this gene is a GTPase and a Golgi body transmembrane protein. The encoded protein can form a homotetramer and has been

shown to interact with spastin and with mitogen-activated protein kinase kinase kinase 4. This protein may be involved in axonal maintenance as evidenced by the fact that defects in this gene are a cause of spastic paraplegia type 3. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]