

Mouse Monoclonal Antibody to ATL1

Catalogue Number	sAP-1533
Target Molecule	<p>Name: ATL1</p> <p>Aliases: FSP1; GBP3; SPG3; HSN1D; SPG3A; AD-FSP; atlastin1</p> <p>MW: 63.5kDa</p> <p>Entrez Gene ID: 51062</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human ATL1 (AA: 1-100) expressed in E. Coli.
Reactive Species	Human;
Clone	MM1F6B12
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Eur J Hum Genet. 2014 Oct;22(10):1180-4. 2.Mol Biol Cell. 2015 May 1;26(9):1616-28. doi: 10.1091/mbc.E14-10-1447.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**