

SPG21 rabbit monoclonal antibody

Catalog # H00051324-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SPG21 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SPG21 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SPG21 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SPG21

Entrez GeneID [51324](#)

GeneBank Accession# [SPG21](#)

Gene Name SPG21

Gene Alias ACP33, BM-019, GL010, MASPARDIN, MAST

Gene Description spastic paraplegia 21 (autosomal recessive, Mast syndrome)

Omim ID [248900 608181](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene was identified by a two-hybrid screen using CD4 as the bait. It binds to the hydrophobic C-terminal amino acids of CD4 which are involved in repression of T cell activation. The interaction with CD4 is mediated by the noncatalytic alpha/beta hydrolase fold domain of this protein. It is thus proposed that this gene product modulates the stimulatory activity of CD4. At least three different transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations acid cluster protein 33|spastic paraplegia 21