

# LASS1 rabbit monoclonal antibody

Catalog # H00010715-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human LASS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LASS1 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LASS1 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — LASS1

Entrez GeneID	<a href="#">10715</a>
GeneBank Accession#	<a href="#">LASS1</a>
Gene Name	LASS1
Gene Alias	CerS1, LAG1, MGC90349, UOG1
Gene Description	LAG1 homolog, ceramide synthase 1
Omim ID	<a href="#">606919</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site that is cleaved to produce a mature protein containing seven conserved cysteine residues. Members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in yeast suggest that the encoded protein is involved in aging. This protein is transcribed from a monocistronic mRNA as well as a bicistronic mRNA, which also encodes growth differentiation factor 1. [provided by RefSeq]</p>
Other Designations	LAG1 longevity assurance homolog 1 longevity assurance (LAG1, S. cerevisiae) homolog 1 longevity assurance gene 1 upstream of GDF1