

## LASS4 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant LASS4.

Catalog # AT2676a

### Specification

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#### LASS4 Antibody (monoclonal) (M03) - Product Information

Application	IF, WB, E
Primary Accession	<a href="#">O9HA82</a>
Other Accession	<a href="#">NM_024552</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	46399

#### LASS4 Antibody (monoclonal) (M03) - Additional Information

Gene ID 79603

##### Other Names

Ceramide synthase 4, CerS4, LAG1 longevity assurance homolog 4, CERS4, LASS4

##### Target/Specificity

LASS4 (NP\_078828, 57 a.a. ~ 139 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### Dilution

WB ~ 1:500 ~ 1000

##### Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### Storage

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

##### Precautions

LASS4 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

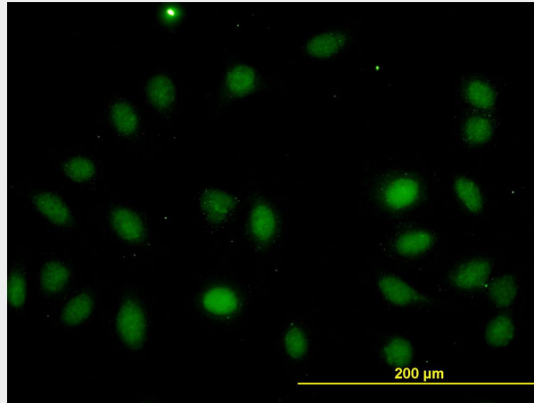
#### LASS4 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

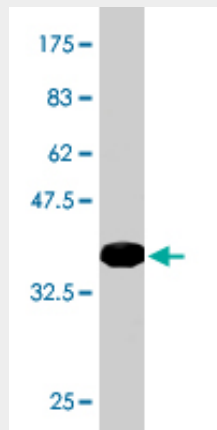
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

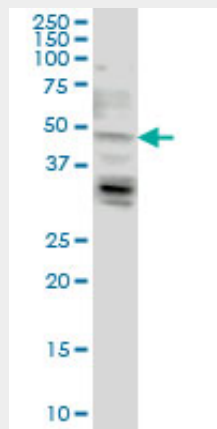
### LASS4 Antibody (monoclonal) (M03) - Images



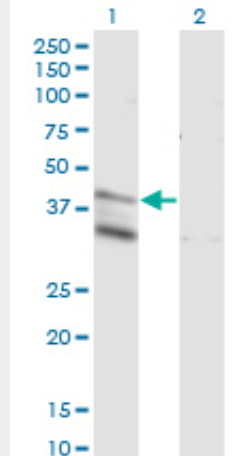
Immunofluorescence of monoclonal antibody to LASS4 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.87 KDa) .



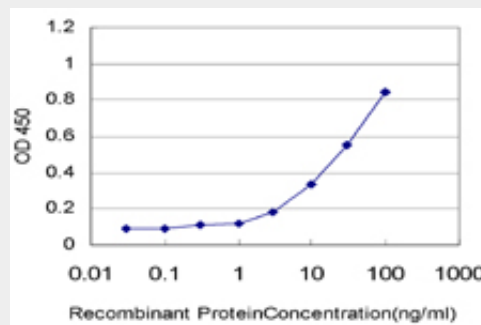
LASS4 monoclonal antibody (M03), clone 7D5 Western Blot analysis of LASS4 expression in HeLa (Cat # AT2676a )



Western Blot analysis of LASS4 expression in transfected 293T cell line by LASS4 monoclonal antibody (M03), clone 7D5.

Lane 1: LASS4 transfected lysate(46.4 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged LASS4 is approximately 0.3ng/ml as a capture antibody.

### **LASS4 Antibody (monoclonal) (M03) - References**

Inherited genetic variant predisposes to aggressive but not indolent prostate cancer. Xu J, et al. Proc Natl Acad Sci U S A, 2010 Feb 2. PMID 20080650. Genetic determinants of circulating sphingolipid concentrations in European populations. Hicks AA, et al. PLoS Genet, 2009 Oct. PMID 19798445. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.