

LASS4 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a partial recombinant LASS4.****Catalog # AT2676a****Specification**

LASS4 Antibody (monoclonal) (M03) - Product Information

Application	WB, IF, E
Primary Accession	O9HA82
Other Accession	NM_024552
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

IF~~1:50~200

E~~N/A

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.

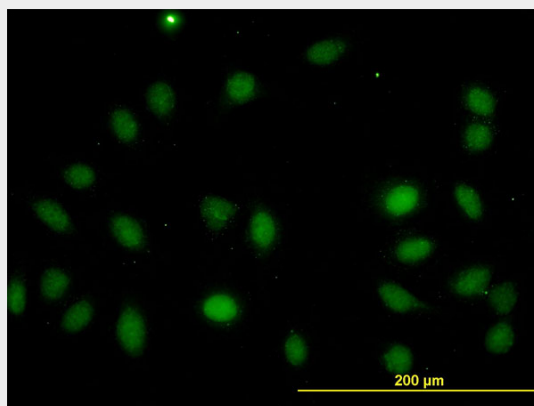
LASS4 Antibody (monoclonal) (M03) - Protocols

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

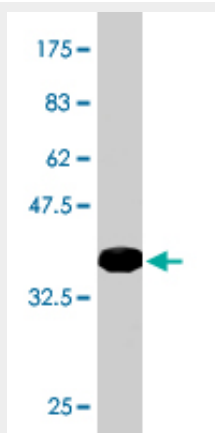
- [Western Blot](#)
- [Blocking Peptides](#)

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

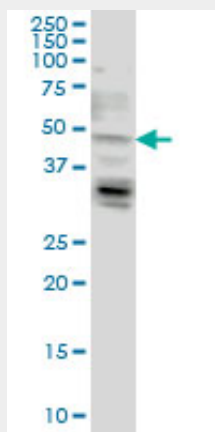
LASS4 Antibody (monoclonal) (M03) - Images



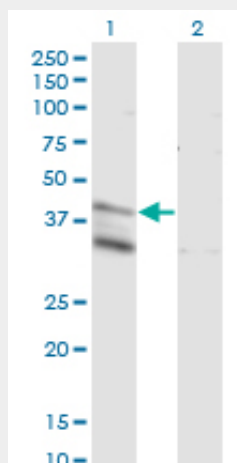
Immunofluorescence of monoclonal antibody to LASS4 on HeLa cell. [antibody concentration 10 ug/ml]



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



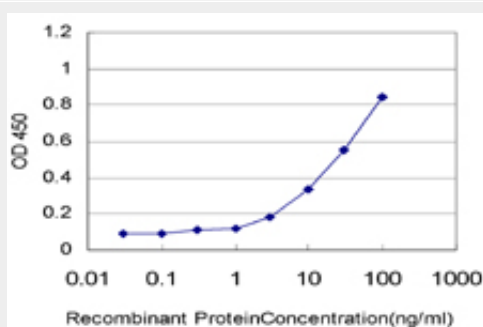
LASS4 monoclonal antibody (M03), clone 7D5 Western Blot analysis of LASS4 expression in HeLa (Cat # AT2676a)



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.