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# LASS4 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant LASS4.
Catalog # AT2676a

## Product Information

| | |
|---|---|
| **Application** | WB, IF, E |
| **Primary Accession** | Q9HA82 |
| **Other Accession** | NM_024552 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 7D5 |
| **Calculated MW** | 46399 |

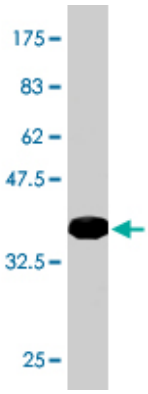
## Additional Information

| | |
|---|---|
| **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. |

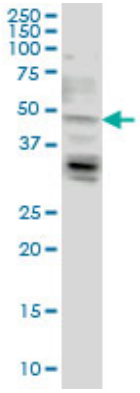
## References

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.

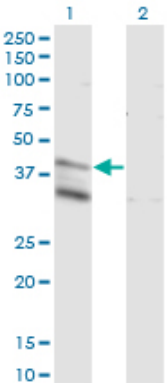
## Images




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

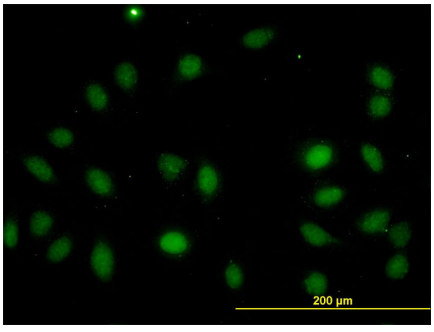



LASS4 monoclonal antibody (M03), clone 7D5 Western Blot analysis of LASS4 expression in HeLa ( (Cat # AT2676a )



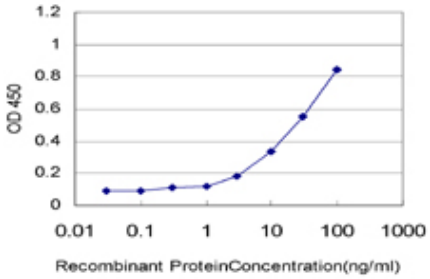

Western Blot analysis of LASS4 expression in transfected 293T cell line by LASS4 monoclonal antibody (M03), clone 7D5.

Lane 1: LASS4 transfected lysate(46.4 KDa).
Lane 2: Non-transfected lysate.




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

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




Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.