

**SDSL Antibody (monoclonal) (M02)****Mouse monoclonal antibody raised against a full length recombinant SDSL.****Catalog # AT3804a****Specification**

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**SDSL Antibody (monoclonal) (M02) - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | WB, IHC, E                 |
| Primary Accession | <a href="#">Q96GA7</a>     |
| Other Accession   | <a href="#">BC009849.1</a> |
| Reactivity        | Human                      |
| Host              | mouse                      |
| Clonality         | Monoclonal                 |
| Isotype           | IgG2a Kappa                |
| Calculated MW     | 34674                      |

**SDSL Antibody (monoclonal) (M02) - Additional Information****Gene ID** 113675**Other Names**

Serine dehydratase-like, L-serine deaminase, L-serine dehydratase/L-threonine deaminase, L-threonine dehydratase, TDH, Serine dehydratase 2, SDH 2, SDSL

**Target/Specificity**

SDSL (AAH09849.1, 1 a.a. ~ 329 a.a) full-length 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**

SDSL Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

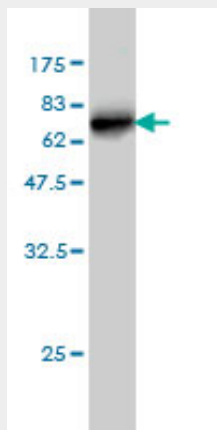
**SDSL Antibody (monoclonal) (M02) - Protocols**

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

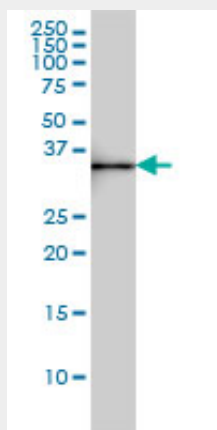
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

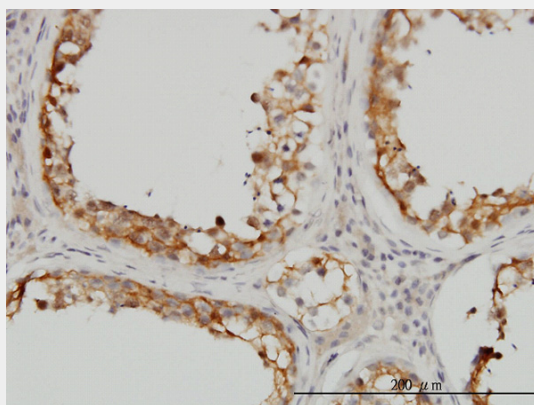
## SDSL Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (61.93 kDa) .

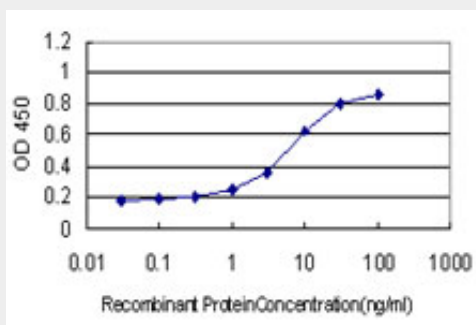


SDSL monoclonal antibody (M02), clone M2 Western Blot analysis of SDSL expression in HepG2 (Cat # AT3804a )



Immunoperoxidase of monoclonal antibody to SDSL on formalin-fixed paraffin-embedded human

testis. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SDSL is approximately 0.1ng/ml as a capture antibody.

### SDSL Antibody (monoclonal) (M02) - References

A catalytic mechanism that explains a low catalytic activity of serine dehydratase like-1 from human cancer cells: crystal structure and site-directed mutagenesis studies. Yamada T, et al. *Biochim Biophys Acta*, 2008 May. PMID 18342636. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. *Nature*, 2005 Oct 20. PMID 16189514. 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. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. *Proc Natl Acad Sci U S A*, 2002 Dec 24. PMID 12477932.