

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

SDSL Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, E
Primary Accession	Q96GA7
Other Accession	BC009849.1
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.

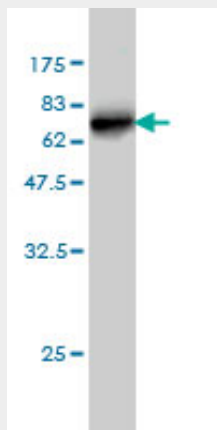
SDSL Antibody (monoclonal) (M02) - Protocols

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

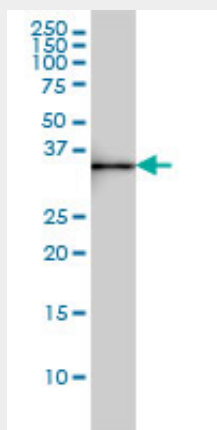
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

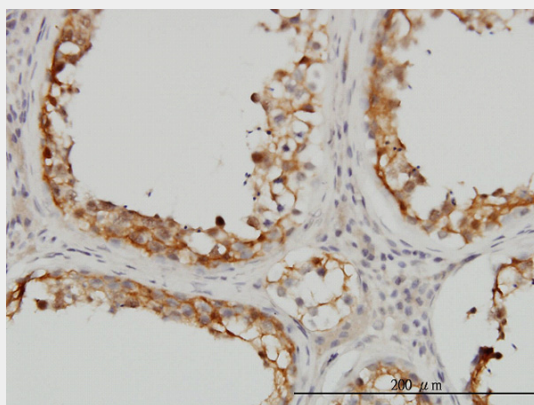
SDSL Antibody (monoclonal) (M02) - Images



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

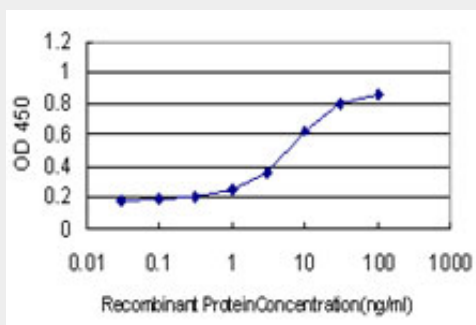


SDSL monoclonal antibody (M02), clone M2 Western Blot analysis of SDSL expression in HepG2 (Cat # AT3804a)



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.