

SMPDL3B Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant SMPDL3B.****Catalog # AT3963a****Specification**

SMPDL3B Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O92485
Other Accession	NM_001009568
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	50814

SMPDL3B Antibody (monoclonal) (M01) - Additional Information**Gene ID** 27293**Other Names**

Acid sphingomyelinase-like phosphodiesterase 3b, ASM-like phosphodiesterase 3b, 314-, SMPDL3B, ASML3B

Target/Specificity

SMPDL3B (NP_001009568, 274 a.a. ~ 372 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

SMPDL3B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

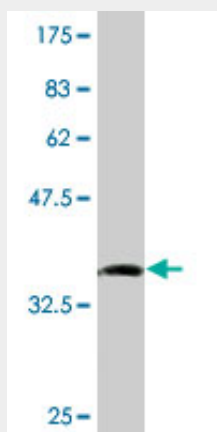
SMPDL3B Antibody (monoclonal) (M01) - Protocols

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

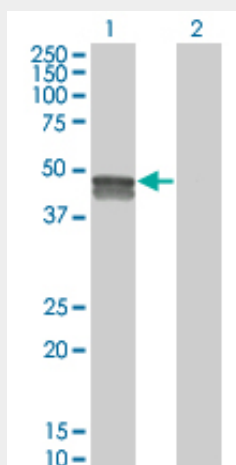
- [Western Blot](#)
- [Blocking Peptides](#)

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

SMPDL3B Antibody (monoclonal) (M01) - Images



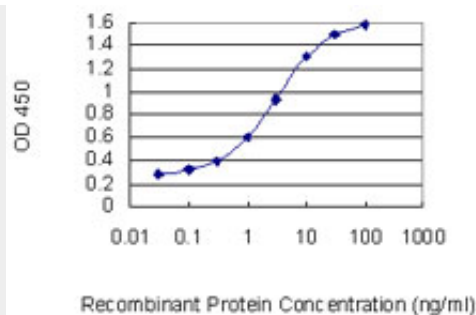
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



Western Blot analysis of SMPDL3B expression in transfected 293T cell line by SMPDL3B monoclonal antibody (M01), clone 5E12.

Lane 1: SMPDL3B transfected lysate(41.7 kDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged SMPDL3B is 0.03 ng/ml as a capture antibody.

SMPDL3B Antibody (monoclonal) (M01) - References

Identification of intrahepatic cholangiocarcinoma related genes by comparison with normal liver tissues using expressed sequence tags. Wang AG, et al. Biochem Biophys Res Commun, 2006 Jul 7. PMID 16712791. The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414. 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.