

Datasheet for ABIN565361
anti-SMPDL3B antibody (AA 274-372)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	SMPDL3B
Binding Specificity:	AA 274-372
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SMPDL3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant SMPDL3B.
Immunogen:	SMPDL3B (NP_001009568, 274 a.a. ~ 372 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	FFGHHHTDSF RMLYDDAGVP ISAMFITPGV TPWKTTLPGV VNGANNPAIR VFEYDRATLS LKVRSPAEAR GGGWEGLKCI TTFPHSQLIH LPLTTEPQE
Clone:	5E12
Isotype:	IgG3
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	SMPDL3B
Alternative Name:	SMPDL3B (SMPDL3B Products)
Background:	Full Gene Name: sphingomyelin phosphodiesterase, acid-like 3B Synonyms: ASML3B
Gene ID:	27293
NCBI Accession:	NM_001009568

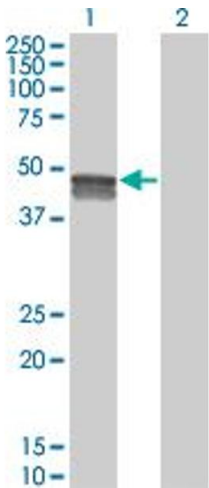
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

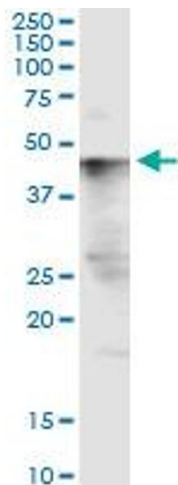
Images



Western Blotting

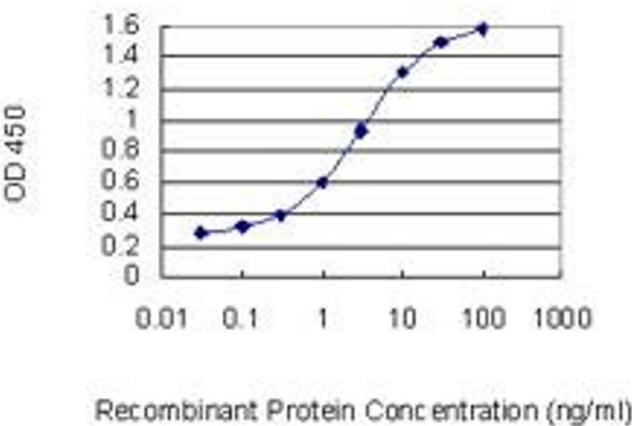
Image 1. Western Blot analysis of SMPDL3B expression in transfected 293T cell line by SMPDL3B monoclonal antibody (M01), clone 5E12.

Lane 1: SMPDL3B transfected lysate(41.7 KDa).
Lane 2: Non-transfected lysate.



Western Blotting

Image 2. Immunoprecipitation of SMPDL3B transfected lysate using anti-SMPDL3B monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with SMPDL3B MaxPab rabbit polyclonal antibody.



ELISA

Image 3. Detection limit for recombinant GST tagged SMPDL3B is 0.03 ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN565361.