

SMPDL3B Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54917**Specification**

SMPDL3B Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q92485
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50814

SMPDL3B Polyclonal Antibody - Additional Information**Gene ID** 27293**Other Names**

Acid sphingomyelinase-like phosphodiesterase 3b, ASM-like phosphodiesterase 3b, 3.1.4.-, SMPDL3B, ASML3B, ASMLPD

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SMPDL3B Polyclonal Antibody - Protein Information**Name** SMPDL3B**Synonyms** ASML3B, ASMLPD**Function**

Lipid-modulating phosphodiesterase (PubMed:26095358). Active on the surface of macrophages and dendritic cells and strongly influences macrophage lipid composition and membrane fluidity. Acts as a negative regulator of Toll-like receptor signaling (By similarity). Has in vitro phosphodiesterase activity, but the physiological substrate is unknown (PubMed:26095358). Lacks activity with phosphocholine-containing lipids, but can cleave CDP-choline, and can release phosphate from ATP and ADP (in vitro) (By similarity).

Cellular Location

Secreted. Cell membrane {ECO:0000250|UniProtKB:P58242}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:P58242}

SMPDL3B Polyclonal Antibody - 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 Polyclonal Antibody - Images