

**MFSD2B Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14483b****Specification**

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**MFSD2B Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">A6NFX1</a>
Other Accession	<a href="#">B5MC32</a> , <a href="#">NP_001073942.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53743
Antigen Region	383-411

**MFSD2B Antibody (C-term) - Additional Information****Gene ID** 388931**Other Names**

Major facilitator superfamily domain-containing protein 2B, MFSD2B

**Target/Specificity**

This MFSD2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 383-411 amino acids from the C-terminal region of human MFSD2B.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MFSD2B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MFSD2B Antibody (C-term) - Protein Information****Name** MFSD2B {ECO:0000303|PubMed:29045386, ECO:0000312|HGNC:HGNC:37207}**Function** Lipid transporter that specifically mediates export of sphingosine-1-phosphate in red blood cells and platelets (PubMed:[29045386](#)). Sphingosine-1-phosphate is a signaling sphingolipid

and its export from red blood cells into the plasma is required for red blood cell morphology (By similarity). Sphingosine-1-phosphate export from platelets is required for platelet aggregation and thrombus formation (By similarity). Mediates the export of different sphingosine-1-phosphate (S1P) species, including S1P(d18:0) (sphinganine 1-phosphate), S1P (d18:1) (sphing-4-enine 1-phosphate) and S1P (d18:2) (sphing-4E,14Z-dienine-1-phosphate) (Probable). Release of sphingosine-1-phosphate is facilitated by a proton gradient (By similarity). In contrast, cations, such as sodium, are not required to drive sphingosine-1-phosphate transport (Probable). In addition to export, also able to mediate S1P import (By similarity). Does not transport lysophosphatidylcholine (LPC) (Probable).

#### Cellular Location

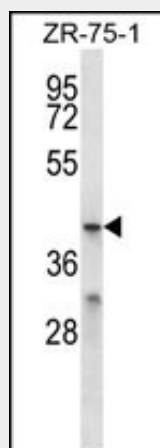
Cell membrane; Multi-pass membrane protein. Note=Localizes to the cell membrane and intracellular membranes.

#### MFSD2B Antibody (C-term) - 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](#)

#### MFSD2B Antibody (C-term) - Images



MFSD2B Antibody (C-term) (Cat. #AP14483b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the MFSD2B antibody detected the MFSD2B protein (arrow).

#### MFSD2B Antibody (C-term) - References

Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009) :  
Angers, M., et al. Biochem. J. 416(3):347-355(2008)