

# Product Datasheet

## **LPAR1/LPA1/EDG-2 Antibody (OTI1G6) - Azide and BSA Free** **NBP2-72519**

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-72519**

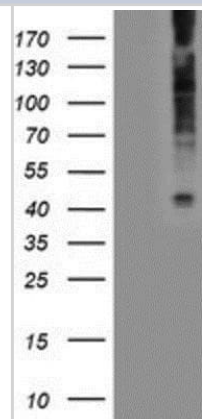
LPAR1/LPA1/EDG-2 Antibody (OTI1G6) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G6
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	40.9 kDa
Product Description	
Host	Mouse
Gene ID	1902
Gene Symbol	LPAR1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human LPAR1(NP_001392) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

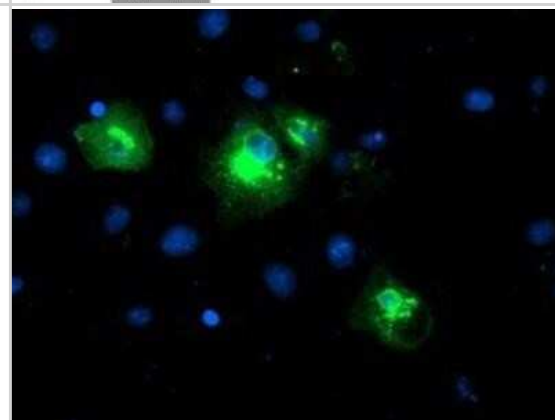


## Images

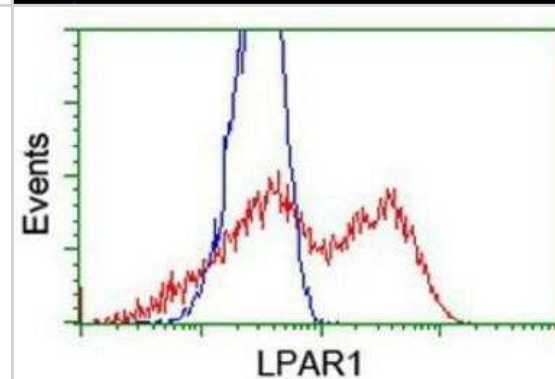
Western Blot: LPAR1/LPA1/EDG-2 Antibody (OT11G6) - Azide and BSA Free [NBP2-72519] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY EDG2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-EDG2.



Flow Cytometry: LPAR1/LPA1/EDG-2 Antibody (OT11G6) - Azide and BSA Free [NBP2-72519] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY EDG2.



Flow Cytometry: LPAR1/LPA1/EDG-2 Antibody (OT11G6) - Azide and BSA Free [NBP2-72519] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-EDG2 antibody, and then analyzed by flow cytometry.



## Publications

Pan H L, Liu B L et al Modulation of Nav1.8 by Lysophosphatidic Acid in the Induction of Bone Cancer Pain Neurosci Bull 2016-09-16 [PMID: 27631681] (WB, IF/IHC, IF/IHC, WB, Rat)

Details:

Citation using the Azide and BSA Free version of this antibody.



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### **Products Related to NBP2-72519**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-03363PEP	LPAR1/LPA1/EDG-2 Antibody Blocking Peptide

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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