

Product Datasheet

LPAR1/LPA1/EDG-2 Antibody (OTI1G6) NBP2-01354

Unit Size: 0.1 ml

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

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NBP2-01354**LPAR1/LPA1/EDG-2 Antibody (OTI1G6)**

Product Information	
Unit Size	0.1 ml
Concentration	0.8 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G6
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	40.9 kDa

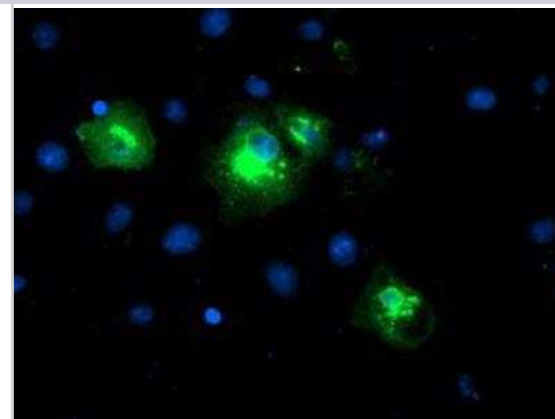
Product Description	
Description	Novus Biologicals Mouse LPAR1/LPA1/EDG-2 Antibody (OTI1G6) (NBP2-01354) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. Anti-LPAR1/LPA1/EDG-2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	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
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100

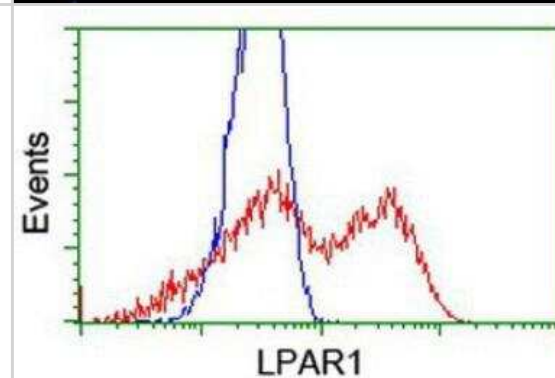


Images

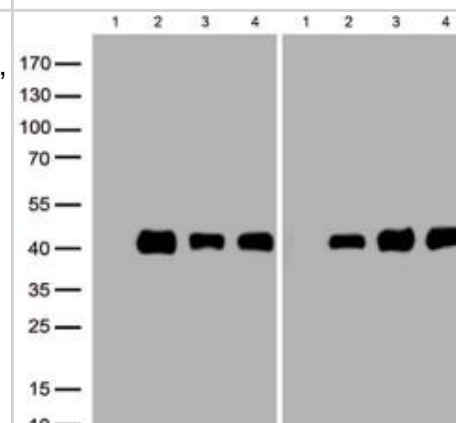
Immunocytochemistry/Immunofluorescence: LPAR1/LPA1/EDG-2 Antibody (1G6) [NBP2-01354] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY EDG2.



Flow Cytometry: LPAR1/LPA1/EDG-2 Antibody (1G6) [NBP2-01354] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-EDG2 antibody, and then analyzed by flow cytometry.



Analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid, lane 1), human LPAR1 plasmid, lane 2), mouse LPAR1 plasmid ([MR205601], lane 3), rat LPAR1 plasmid, lane 4) using antiLPAR1 antibody (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody, 1:1000)



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, Rat)

Details:

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



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Products Related to NBP2-01354

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

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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