

Product Datasheet

FGD5 Antibody - Azide and BSA Free H00152273-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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technical@novusbio.com

Publications: 4

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Updated 9/9/2025 v.20.1

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H00152273-B01P

FGD5 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

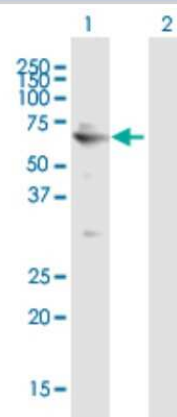
Product Description	
Description	Novus Biologicals Mouse FGD5 Antibody - Azide and BSA Free (H00152273-B01P) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-FGD5 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	152273
Gene Symbol	FGD5
Species	Human, Mouse
Specificity/Sensitivity	FGD5 - FYVE, RhoGEF and PH domain containing 5,
Immunogen	FGD5 (AAH35364.1, 1 a.a. - 540 a.a.) full-length human protein. MRALDDMDHEGRDTLAREELRQGLSELPAlHDLHQGILEELEERLSNWESQQK VADVFLAREQGFDDHHATHILQFDRYLGLLSENCLHSPRLAAAVREFEQSVQGG SQTAKHRLLRVVQRLFQYQVLLTDYLNLCPLDPAEYDNTQGALSISKVTDNAN DSMEQGENLQKLVIHESVRGQGDLLQPGREFLKEGTLMKVTGKNRRPRHLF LMNDVLLYTYPQKDGKYRLKNTLAVANMKVSRPVMKVPYALKIETSESCML SASSCAERDEWYGCLSRALPEDYKAQALAAFHHSVEIRERLGVSLGERPPTLV PVTHVMMCMNCGCDFSLTLRRHHCHACGKIVCRNCSRNYPLKYLKDRMAKV CDGCFGELKKRGRAVPGLMRERPVSMSFPLSSPRFSGSAFSSVFQSINPSTFK KQKKVPSALTEVAASGEGSAISGYLSRCKRGKRHWKKLWFWIKGKVLTYMAS EDKVALESMPLLGFTIAPEKEEGSSEVGPIFHLHYHKKTLFYSFKAEDTNSAQRWI EAMEDASVL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control.



Images

Western Blot: FGD5 Antibody [H00152273-B01P] - Analysis of FGD5 expression in transfected 293T cell line by FGD5 polyclonal antibody. Lane 1: FGD5 transfected lysate(59.4 KDa). Lane 2: Non-transfected lysate.



Publications

Braun LJ, Zinnhardt M, Vockel M et Al. VE-PTP inhibition stabilizes endothelial junctions by activating FGD5 EMBO Rep 2020-05-07 [PMID: 31267715]

Braun L, Zinnhardt M, Vockel M et al. VE-PTP inhibition stabilizes endothelial junctions by activating FGD5. EMBO Rep. 2019-05-14 [PMID: 31088862]

Kurogane Y, Miyata M, Kubo Y et al. FGD5 Mediates Proangiogenic Action of Vascular Endothelial Growth Factor in Human Vascular Endothelial Cells. Arterioscler Thromb Vasc Biol. 2012-02-09 [PMID: 22328776]

Ando K, Fukuhara S, Moriya T et al. Rap1 potentiates endothelial cell junctions by spatially controlling myosin II activity and actin organization. J Cell Biol. 2013-09-09 [PMID: 24019534]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00152273-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00152273-P01-10ug	Recombinant Human FGD5 GST (N-Term) Protein

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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