

Product Datasheet

PLS1 Antibody (3G10) - Azide and BSA Free H00005357-M04

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00005357-M04

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00005357-M04



H00005357-M04

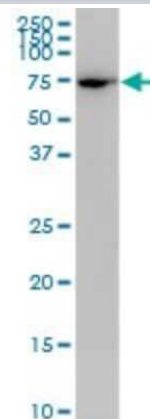
PLS1 Antibody (3G10) - Azide and BSA Free

Product Information	
Unit Size	0.1 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	Monoclonal
Clone	3G10
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5357
Gene Symbol	PLS1
Species	Human, Mouse
Specificity/Sensitivity	PLS1 - plastin 1 (I isoform) (3G10)
Immunogen	PLS1 (NP_002661.1, 1 a.a. ~ 102 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MENSTTTISREELEELQEAFNKIDIDNSGYVSDYELQDLFKEASLPLPGYKVREI VEKILSVADSNKDGKISFEEFVSLMQELKSKDISKTFRKIINKREGI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Knock Out Validation was reported in scientific literature (PMID: 27811163).

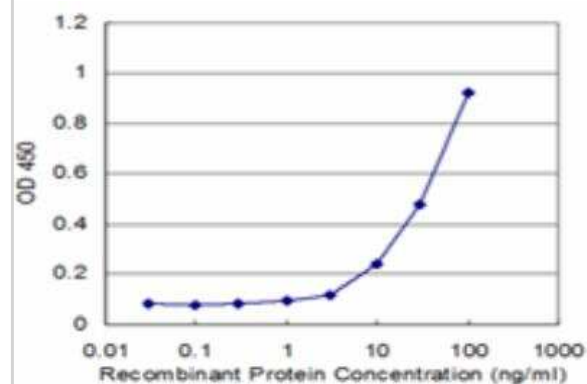


Images

Western Blot: PLS1 Antibody (3G10) [H00005357-M04] - Analysis of PLS1 expression in Jurkat (Cat # L017V1).



ELISA: PLS1 Antibody (3G10) [H00005357-M04] - Detection limit for recombinant GST tagged PLS1 is approximately 3ng/ml as a capture antibody.



Publications

Morandell J, Schwarz LA, Basilico B et al. Cul3 regulates cytoskeleton protein homeostasis and cell migration during a critical window of brain development *Nature Communications* 2021-05-24 [PMID: 34031387]

Krey JF, Krystofiak ES, Dumont RA et al. Plastin 1 widens stereocilia by transforming actin filament packing from hexagonal to liquid. *J Cell Biol* 2016-11-21 [PMID: 27811163]



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 H00005357-M04

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-30592PEP	PLS1 Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00005357-M04

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

