

# Product Datasheet

## PLC-gamma 1 Antibody (3C2D11) - BSA Free NBP2-52532

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-52532**

PLC-gamma 1 Antibody (3C2D11) - BSA Free

**Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 mg                                                                                 |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                                                                             |
| <b>Clone</b>                   | 3C2D11                                                                                 |
| <b>Preservative</b>            | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG1                                                                                   |
| <b>Purity</b>                  | Protein G purified                                                                     |
| <b>Buffer</b>                  | PBS                                                                                    |
| <b>Target Molecular Weight</b> | 148.5 kDa                                                                              |

**Product Description**

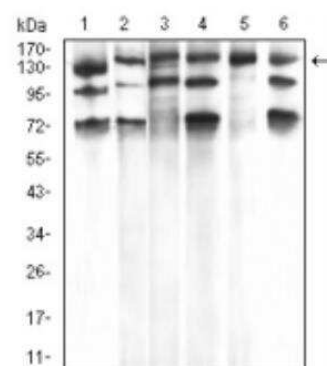
|                    |                                                                                                                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Mouse PLC-gamma 1 Antibody (3C2D11) - BSA Free (NBP2-52532) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                            |
| <b>Gene ID</b>     | 5335                                                                                                                                                                                                                             |
| <b>Gene Symbol</b> | PLCG1                                                                                                                                                                                                                            |
| <b>Species</b>     | Human, Rat, Monkey                                                                                                                                                                                                               |
| <b>Immunogen</b>   | Purified recombinant fragment of human PLC-gamma 1 (AA: 1192-1291) expressed in E. Coli.                                                                                                                                         |

**Product Application Details**

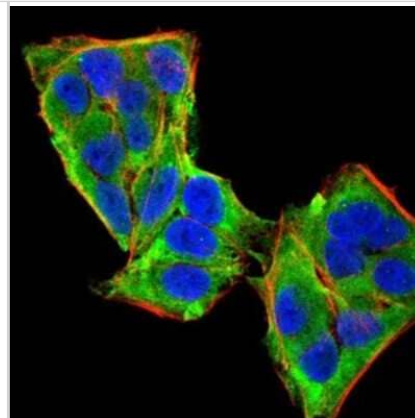
|                              |                                                                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready                                                                         |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready |
| <b>Application Notes</b>     | This antibody is Cytof ready.                                                                                                                                                                                          |

**Images**

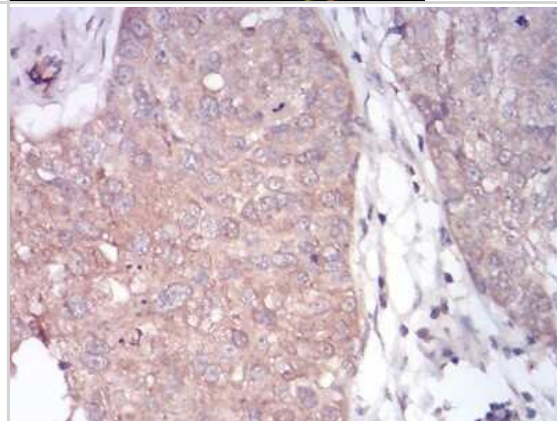
Western Blot: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Analysis using PLCG1 mouse mAb against Hela (1), A431 (2), C6 (3), NIH/3T3 (4), COS7 (5), and HCT116 (6) cell lysate.



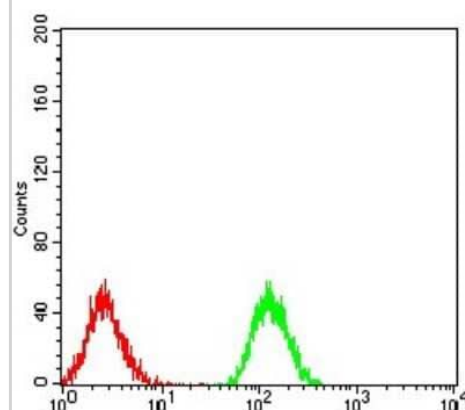
Immunocytochemistry/Immunofluorescence: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Analysis of HeLa cells using PLCG1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



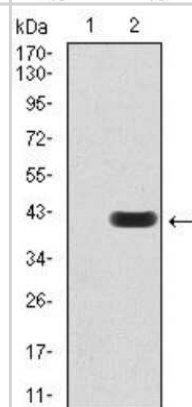
Immunohistochemistry-Paraffin: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Analysis of paraffin-embedded bladder cancer tissues using PLCG1 mouse mAb with DAB staining.



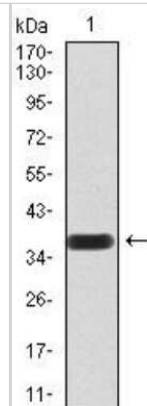
Flow Cytometry: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Analysis of Jurkat cells using PLCG1 mouse mAb (green) and negative control (red).



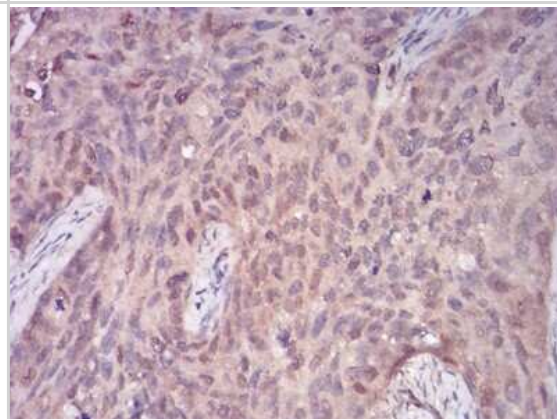
Western Blot: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Western blot analysis using PLCG1 mAb against HEK293 (1) and PLCG1 (AA: 1192-1291)-hlgGFc transfected HEK293 (2) cell lysate.



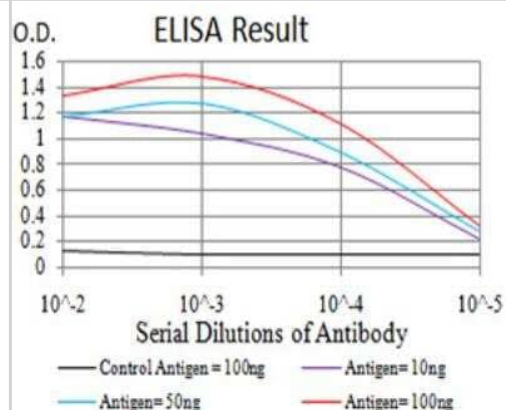
Western Blot: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Analysis using PLCG1 mAb against human PLCG1 (AA: 1192-1291) recombinant protein. (Expected MW is 37.5 kDa)



Immunohistochemistry-Paraffin: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Analysis of paraffin-embedded cervical cancer tissues using PLCG1 mouse mAb with DAB staining.



ELISA: PLC-gamma 1 Antibody (3C2D11) [NBP2-52532] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).



**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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

**Products Related to NBP2-52532**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg   | Mouse IgG1 Isotype Control (MG1)                        |
| H00005335-Q01-10ug | Recombinant Human PLC-gamma 1 GST (N-Term) Protein      |

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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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