

Product Datasheet

Phospholipase D2 Antibody (7E4D9) - BSA Free NBP2-61784

Unit Size: 0.1 ml

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

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NBP2-61784

Phospholipase D2 Antibody (7E4D9) - BSA Free

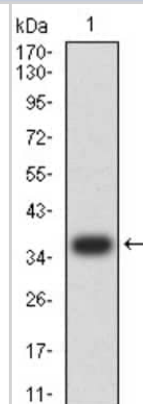
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7E4D9
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	106 kDa

Product Description	
Host	Mouse
Gene ID	5338
Gene Symbol	PLD2
Species	Human
Immunogen	Purified recombinant fragment of human Phospholipase D2 (AA: 834-933) expressed in E. Coli.

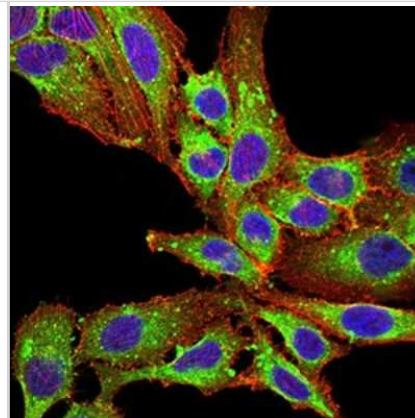
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

Images

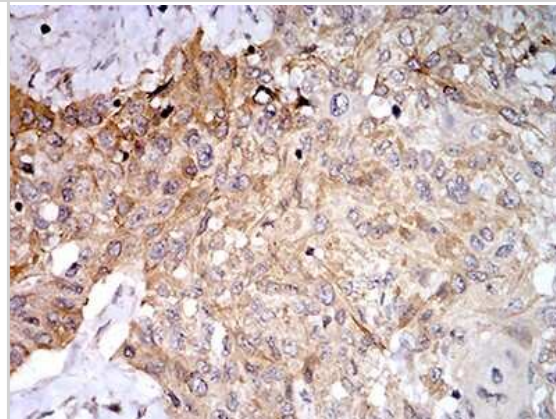
Western Blot: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Analysis using PLD2 mAb against human PLD2 (AA: 834-933) recombinant protein. (Expected MW is 37.4 kDa)



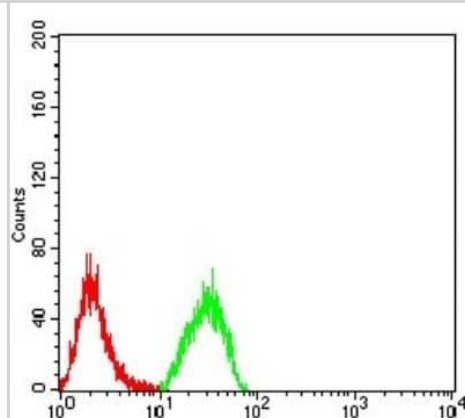
Immunocytochemistry/Immunofluorescence: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Analysis of SK-OV-3 cells using PLD2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



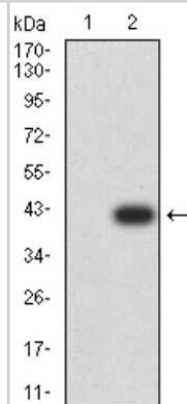
Immunohistochemistry: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Analysis of paraffin-embedded esophageal cancer tissues using PLD2 mouse mAb with DAB staining.



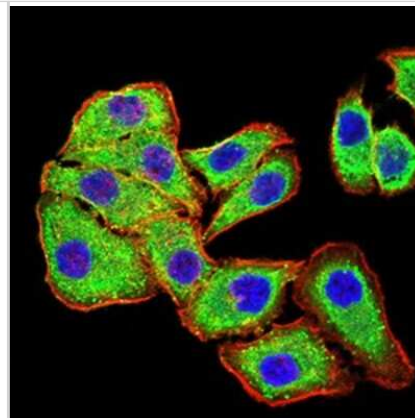
Flow Cytometry: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Analysis of Hela cells using PLD2 mouse mAb (green) and negative control (red).



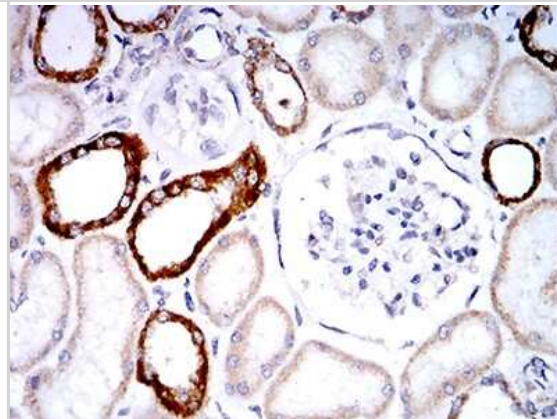
Western Blot: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Analysis using PLD2 mAb against HEK293 (1) and PLD2 (AA: 834-933)-hlgGfc transfected HEK293 (2) cell lysate.



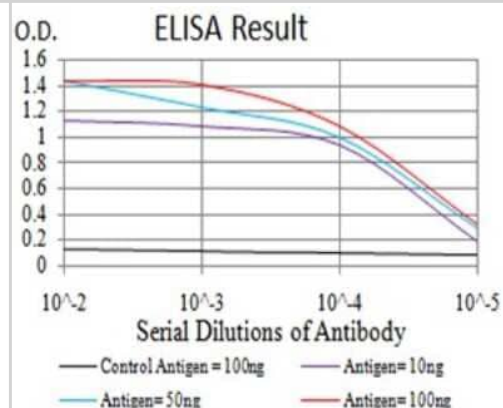
Immunocytochemistry/Immunofluorescence: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Analysis of MCF-7 cells using PLD2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



Immunohistochemistry: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Analysis of paraffin-embedded renal tissues using PLD2 mouse mAb with DAB staining.



ELISA: Phospholipase D2 Antibody (7E4D9) [NBP2-61784] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Publications

Wang F, Zhang J, Zhou G. 2-Deoxy-D-glucose impedes T cell-induced apoptosis of keratinocytes in oral lichen planus Journal of cellular and molecular medicine 2021-10-21 [PMID: 34672419] (WB, Human)

Wang F, Zhang J, Zhou G HIF1 alpha /PLD2 axis linked to glycolysis induces T-cell immunity in oral lichen planus Biochim Biophys Acta Gen Subj 2020-01-01 [PMID: 32205175] (WB, ICC/IF, IF/IHC, Human)



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Products Related to NBP2-61784

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)
NBP1-87576PEP	Phospholipase D2 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.

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