

Product Datasheet

PSP/BPIFA2 Antibody (1F12) - BSA Free NBP2-37493

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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NBP2-37493

PSP/BPIFA2 Antibody (1F12) - BSA Free

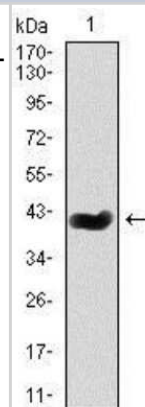
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1F12
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	140683
Gene Symbol	BPIFA2
Species	Human, Mouse, Porcine
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 31268775).
Immunogen	Purified recombinant fragment of mouse PSP/BPIFA2 expressed in E. Coli.

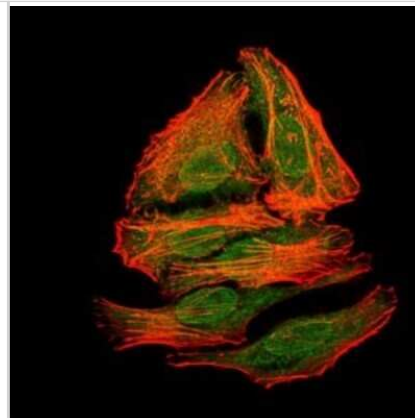
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry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

Images

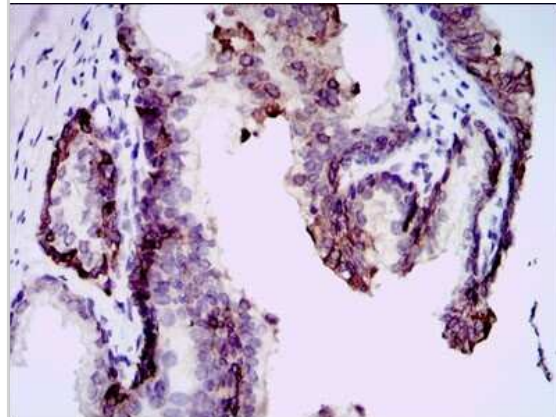
Western Blot: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Western blot analysis using mouse Splunc2 mAb against mouse Splunc2 (AA: 16-169) recombinant protein. (Expected MW is 41.6 kDa)



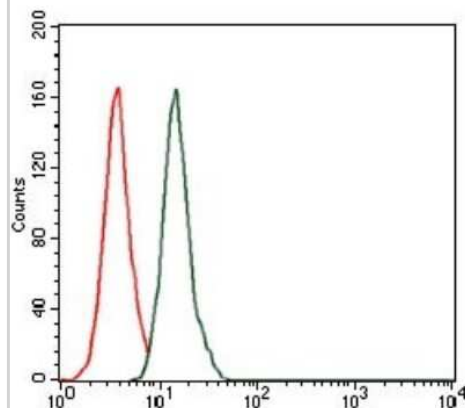
Immunocytochemistry/Immunofluorescence: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Immunofluorescence analysis of HepG2 cells using mouse Splunc2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



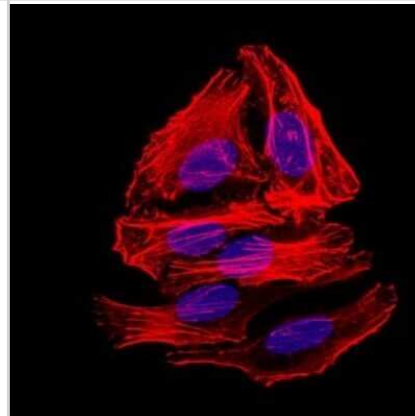
Immunohistochemistry: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Immunohistochemical analysis of paraffin-embedded prostate tissues using mouse Splunc2 mouse mAb with DAB staining.



Flow Cytometry: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Flow cytometric analysis of HeLa cells using mouse Splunc2 mouse mAb (green) and negative control (red).



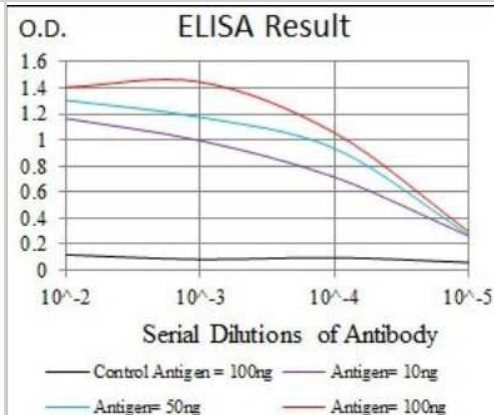
Immunocytochemistry/Immunofluorescence: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Immunofluorescence analysis of HepG2 cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Immunohistochemical analysis of paraffin-embedded kidney tissues using mouse Splunc2 mouse mAb with DAB staining.



ELISA: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Liu Y, Tian Y, Wang H et al. The BPIFA2 - LRP5 axis orchestrates mitochondrial dysfunction to mediate kidney injury in lupus nephritis. *International immunopharmacology* 2025-06-20 [PMID: 40543103]

Sallustio F, Stasi A, Curci C et al. Renal progenitor cells revert LPS-induced endothelial-to-mesenchymal transition by secreting CXCL6, SAA4, and BPIFA2 antiseptic peptides *FASEB J.* 2019-07-03 [PMID: 31268775] (IF/IHC, Porcine)



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Products Related to NBP2-37493

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-91704PEP	PSP/BPIFA2 Recombinant Protein Antigen

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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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