

# 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**

<b>Unit Size</b>	0.1 ml
<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>	1F12
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

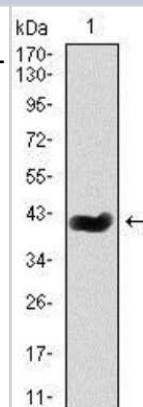
<b>Host</b>	Mouse
<b>Gene ID</b>	140683
<b>Gene Symbol</b>	BPIFA2
<b>Species</b>	Human, Mouse, Porcine
<b>Reactivity Notes</b>	Porcine reactivity reported in scientific literature (PMID: 31268775).
<b>Immunogen</b>	Purified recombinant fragment of mouse PSP/BPIFA2 expressed in E. Coli.

**Product Application Details**

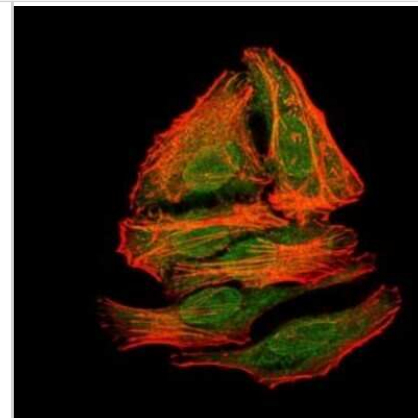
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000,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

**Images**

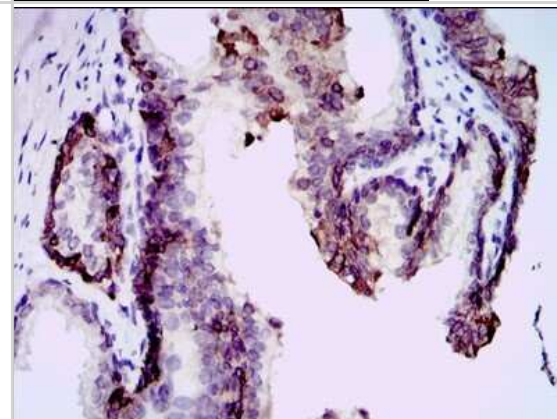
Western Blot: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Western blot analysis using mouse Splunc2 mAb against mouse Splunc2 (AA: 16-169) recombinant protein. (Expected MW is 41.6 kDa)



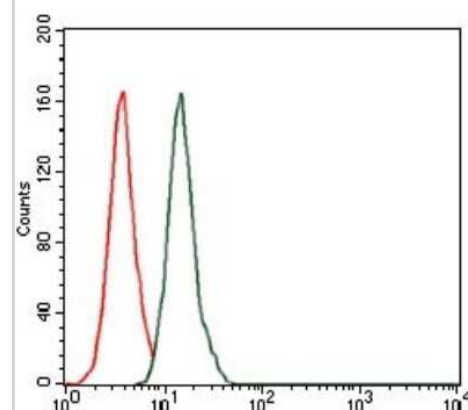
Immunocytochemistry/Immunofluorescence: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Immunofluorescence analysis of HepG2 cells using mouse Splunc2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



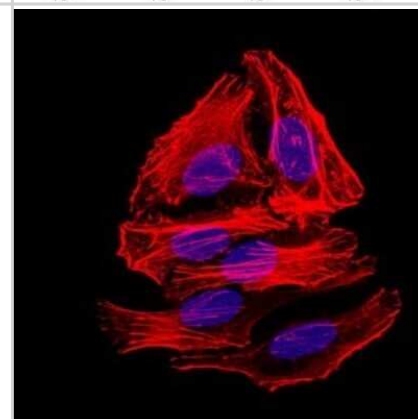
Immunohistochemistry: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Immunohistochemical analysis of paraffin-embedded prostate tissues using mouse Splunc2 mouse mAb with DAB staining.



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



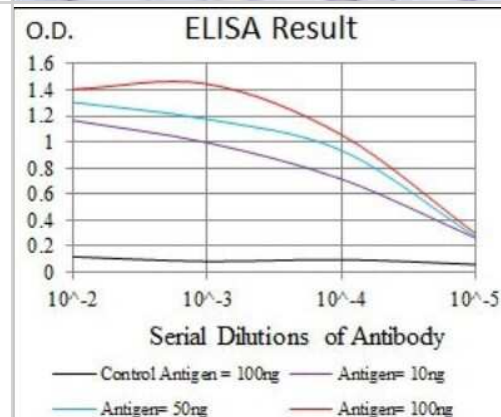
Immunocytochemistry/Immunofluorescence: PSP/BPIFA2 Antibody (1F12) [NBP2-37493] - Immunofluorescence analysis of HepG2 cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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

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]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-91704PEP	PSP/BPIFA2 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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