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Bpifa2 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1908a

Product Information

Application	WB, IHC, FC, E
Primary Accession	P07743
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	3F8E4
Isotype	IgG1
Calculated MW	24753
Description	Bpifa2 has strong antibacterial activity against P. aeruginosa.
Immunogen	Purified recombinant fragment of mouse mSplunc2 (AA: 16-169) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide.

Additional Information

Gene ID	19194
Other Names	BPI fold-containing family A member 2, Parotid secretory protein, PSP, Bpifa2, Psp
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Bpifa2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Bpifa2
Synonyms	Psp
Function	Has strong antibacterial activity against P.aeruginosa.
Cellular Location	Secreted.

Tissue Location	Predominates in the parotid glands, present in smaller amounts (1/10) in the submaxillary glands and in the sublingual glands, and at lower amount in the pancreas but undetectable in the liver. Found also in lacrimal gland.

Background

The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene. ;

References

1.Am J Physiol. 1997 Apr;272(4 Pt 1):G863-71.2.Nucleic Acids Res. 1998 Jun 1;26(11):2761-70.

Images

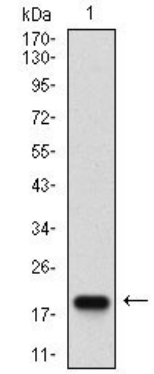


Figure 1: Western blot analysis using mSplunc2 mAb against human mSplunc2 (AA:) recombinant protein. (Expected MW is 18.5 kDa)

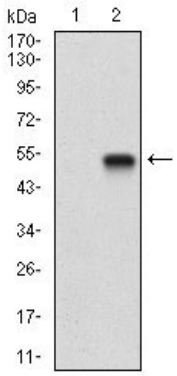


Figure 2: Western blot analysis using mSplunc2 mAb against HEK293 (1) and mSplunc2 -hIgGFc transfected HEK293 (2) cell lysate.

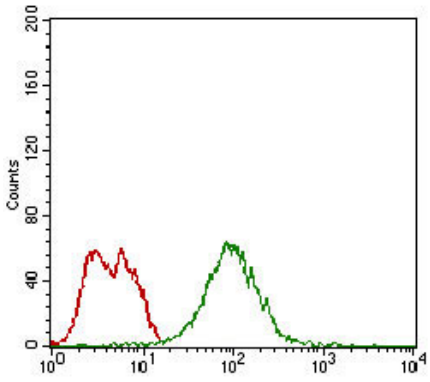


Figure 3: Flow cytometric analysis of MCF-7 cells using mSplunc2 mouse mAb (green) and negative control (red).

Figure 4: Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using mSplunc2 mouse mAb with DAB staining.

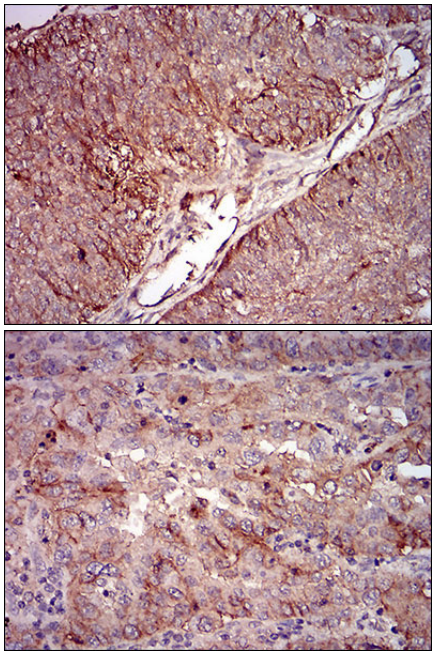


Figure 5: Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using mSplunc2 mouse mAb with DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.