10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

mouse Splunc2 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1709a

Product Information

Application	WB, IHC, FC, ICC, E
Primary Accession	Q96DR5
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1F12
Isotype	IgG1
Calculated MW	27011
Description	N/A
Immunogen	Purified recombinant fragment of mouse Splunc2 expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	140683
Other Names	BPI fold-containing family A member 2, Parotid secretory protein, PSP, Short palate, lung and nasal epithelium carcinoma-associated protein 2, BPIFA2, C20orf70, SPLUNC2
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 ICC~~N/A 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	mouse Splunc2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BPIFA2
Synonyms	C20orf70, SPLUNC2
Function	Has strong antibacterial activity against P.aeruginosa.

Cellular Location Secreted.

Tissue Location Detected in submandibular gland. Secreted into saliva.

References

N/A

Images

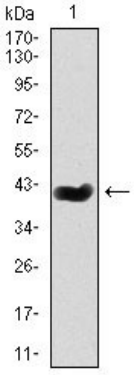


Figure 1: Western blot analysis using mouse Splunc2 mAb against mouse Splunc2 (AA: 16-169) recombinant protein. (Expected MW is 41.6 kDa)

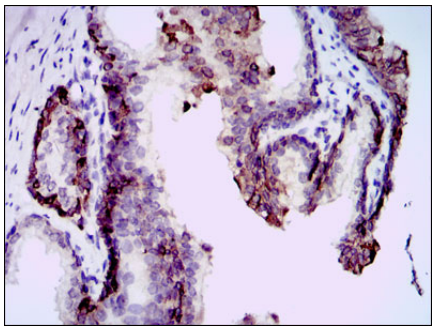


Figure 2: Immunohistochemical analysis of paraffin-embedded prostate tissues using mouse Splunc2 mouse mAb with DAB staining.

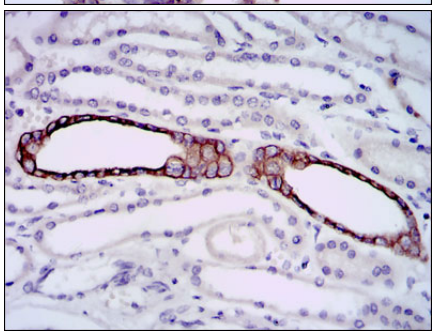


Figure 3: Immunohistochemical analysis of paraffin-embedded kidney tissues using mouse Splunc2 mouse mAb with DAB staining.

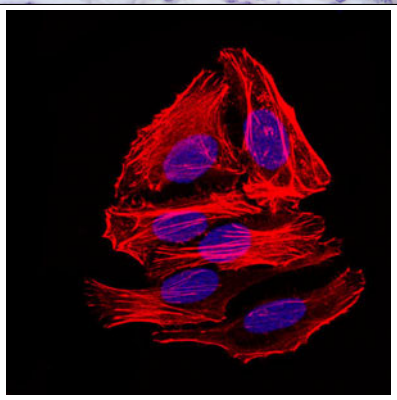
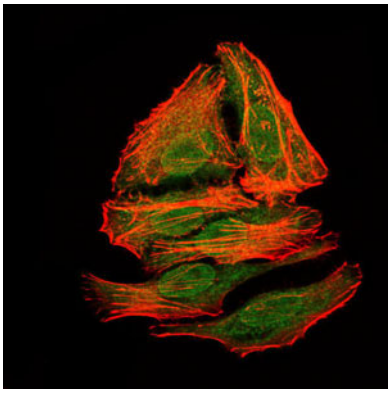


Figure 4: Immunofluorescence analysis of HepG2 cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Figure 5: Immunofluorescence analysis of HepG2 cells using mouse Splunc2 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



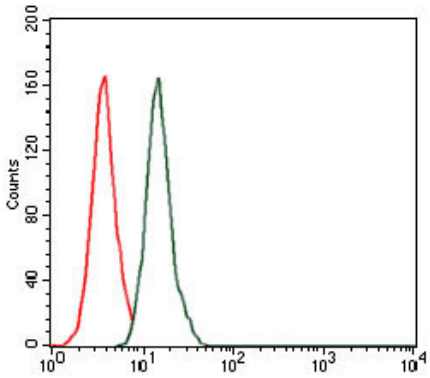


Figure 6: Flow cytometric analysis of HeLa cells using mouse Splunc2 mouse mAb (green) and negative control (red).

Citations

- A gene signature-based approach identifies mTOR as a regulator of p73.

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