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human Splunc2 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1773a

Product Information

Application	WB, FC, E
Primary Accession	Q96DR5
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4C7D7
Isotype	IgG1
Calculated MW	27011
Description	SPLUNC2 is one member of PLUNC family, the gene undergoes alternative splicing using two 5' non-coding exons, suggesting that the gene is regulated by alternative promoters.multiple SPLUNC2 isoforms are found in the oral cavity and suggest that these proteins may be differentially regulated in distinct tissues where they may function in the innate immune response. Mucin plugs, mucous and intermediate cells of mucoepidermoid carcinomas were positive for LPLUNC1 and SPLUNC2, but areas composed of epidermoid and clear cells were negative for all PLUNCs. Papillary cystadenocarcinoma was positive for all PLUNCs.
Immunogen	Purified recombinant fragment of human Splunc2 (AA: 16-250) 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 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	human 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

1.Histochem Cell Biol. 2009 Sep;132(3):339-49. 2.Oral Dis. 2008 Oct;14(7):613-9.

Images

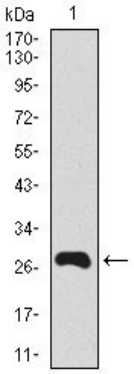


Figure 1: Western blot analysis using Splunc2 mAb against human Splunc2 recombinant protein. (Expected MW is 27.6 kDa)

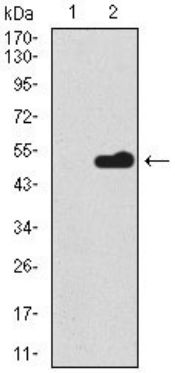


Figure 2: Western blot analysis using Splunc2 mAb against HEK293 (1) and Splunc2 (AA: 16-250)-hIgGFc transfected HEK293 (2) cell lysate.

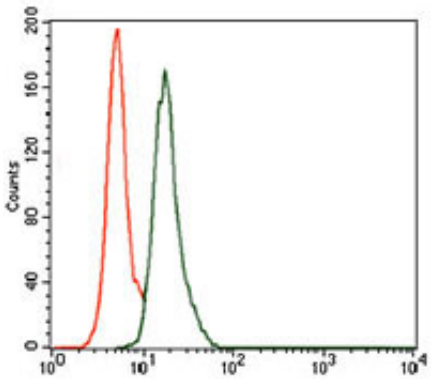


Figure 3: Flow cytometric analysis of A549 cells using Splunc2 mouse mAb (green) and negative control (red).

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