BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-FDCSP Antibody

Catalog Number: A13093-1

About FDCSP

FDC-SP or follicular dendritic cell-secreted protein, is a small, secreted protein, located on chromosome 4 in humans. FDC-SP is a 68-amino acid protein containing a signal peptide at its N terminus, which is used for directing the transport of the protein. This protein specifically binds to activated B cells, and functions as a regulator of antibody responses. It is also thought to contribute to tumor metastases by promoting cancer cell migration and invasion.

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Overview

Product Name	Anti-FDCSP Antibody
Reactive Species	Human
Description	Boster Bio Anti-FDCSP Antibody catalog # A13093-1. Tested in IHC, IF applications. This antibody reacts with Human.
Application	IF, IHC
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8NFU4

Technical Details

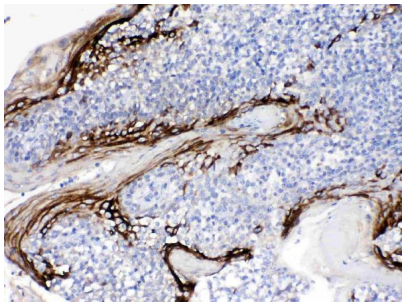
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human FDCSP.
Recommended Detection Systems	Boster recommends HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG

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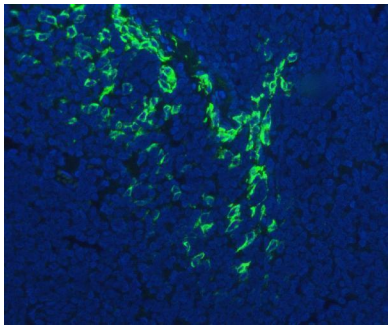
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Immunofluorescence, 5 ug/ml, Human

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Anti-FDCSP Antibody (A13093-1) Images



IHC analysis of FDCSP using anti-FDCSP antibody (A13093-1). FDCSP was detected in paraffin-embedded section of human tonsil tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-FDCSP Antibody (A13093-1) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.



IF analysis of FDCSP using anti-FDCSP antibody (A13093-1). FDCSP was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5 ug/mL rabbit anti-FDCSP Antibody (A13093-1) overnight at 4°C. FITC Conjugated Goat Anti-Rabbit IgG (BA1105) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

2 Publications Citing This Product

1. PubMed ID: 10.3892/or_00000939, C4orf7 contributes to ovarian cancer metastasis by promoting cancer cell migration and invasion

2. PubMed ID: 10.1007/s00432-009-0727-9, Development and characterization of a novel method for the analysis of gene expression patterns in lymphatic endothelial cells derived from primary breast tissues

Visit bosterbio.com/anti-fdcsp-picoband-trade-antibody-a13093-1-boster.html to see all 2 publications.

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