

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.

Overview

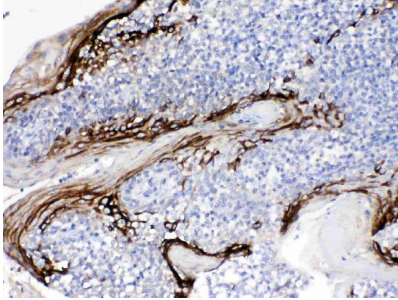
Product Name	Anti-FDCSP Antibody
Reactive Species	Human
Description	Boster Bio Anti-FDCSP Antibody catalog # A13093-1. Tested in IHC, IF applications. This antibody reacts with Human.
Application	IF, IHC
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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

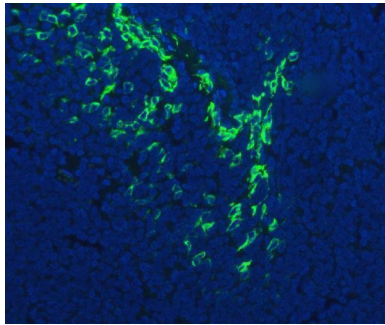
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human FDCSP.
Recommended Detection Systems	Boster recommends HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form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

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