

Anti-FDCSP Picoband Antibody
Catalog # ABO10350

Specification

Anti-FDCSP Picoband Antibody - Product Information

Application	IHC
Primary Accession	Q8NFU4
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Follicular dendritic cell secreted peptide(FDCSP) detection. Tested with IHC-P in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-FDCSP Picoband Antibody - Additional Information

Gene ID 260436

Other Names

Follicular dendritic cell secreted peptide, FDC secreted protein, FDC-SP, FDCSP, C4orf7

Calculated MW

9700 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat

Subcellular Localization

Secreted.

Tissue Specificity

Abundantly expressed in tonsil, lymph node, and trachea; strong expression in prostate; lower expression in thyroid, stomach, and colon. .

Protein Name

Follicular dendritic cell secreted peptide

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human FDCSP (18-51aa FPVSDQEREREKRSISDSDELASGFFVFPYPYPR).

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-FDCSP Picoband Antibody - Protein Information

Name FDCSP

Synonyms C4orf7

Function

Can bind to the surface of B-lymphoma cells, but not T- lymphoma cells, consistent with a function as a secreted mediator acting upon B-cells.

Cellular Location

Secreted.

Tissue Location

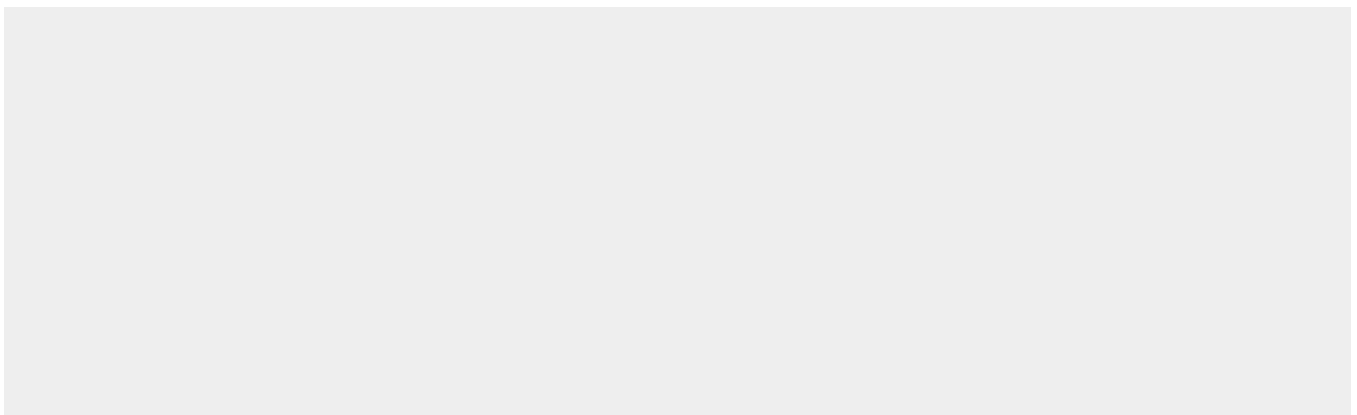
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Anti-FDCSP Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FDCSP Picoband Antibody - Images



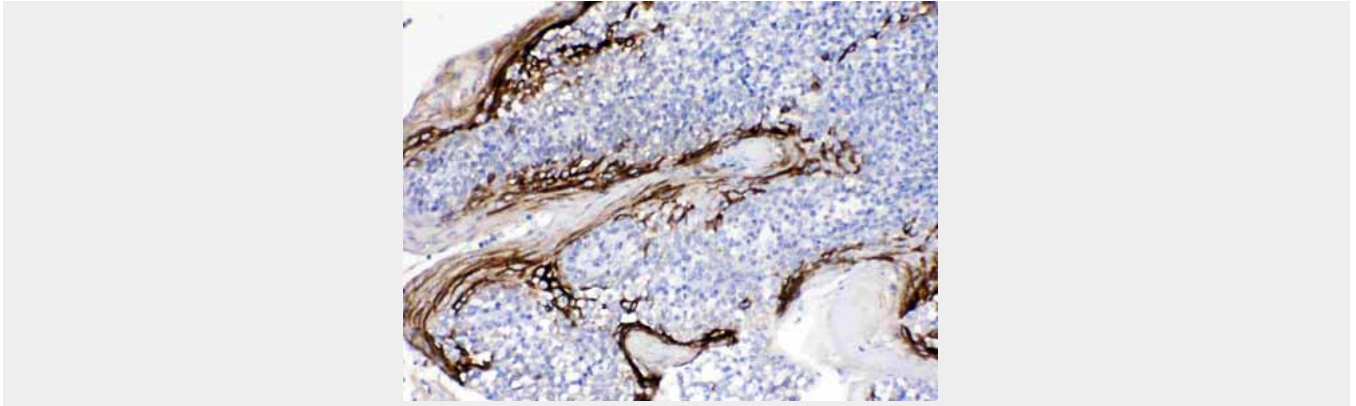


Figure 1. IHC analysis of FDCSP using anti- FDCSP antibody (ABO10350).FDCSP was detected in paraffin-embedded section of human tonsil tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 μ g/ml rabbit anti-FDCSP Antibody (ABO10350) overnight at 4 $^{\circ}$ C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 $^{\circ}$ C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

Anti-FDCSP Picoband Antibody - Background

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.