



[Go to Product page](#)

Datasheet for ABIN5002566  
**anti-FDCSP antibody (AA 18-85) (AbBy Fluor® 750)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | FDCSP (C4orf7)  |
| Binding Specificity: | AA 18-85  |
| Reactivity:          | Human, Mouse  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This FDCSP antibody is conjugated to AbBy Fluor® 750  |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from rat FDC-SP |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human, Mouse   |
| Predicted Reactivity: | Rat,Horse  |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | FDCSP (C4orf7)                             |
| Alternative Name: | FDC-SP ( <a href="#">C4orf7 Products</a> ) |

## Target Details

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**Background:** Synonyms: FDC, FDCs, Follicular dendritic cell, Follicular dendritic cell secreted protein, Follicular dendritic cell, Follicular dendritic cell secreted peptide, FDC secreted protein.

Background: Follicular dendritic cells are cells that facilitate antigen recognition by B cells in follicles. This kind of dendritic cell is not bone marrow derived and is not a kind of blood cell. It is purely a resident of the follicles of secondary lymphoid organs. B cells form germinal centers around follicular dendritic cells in lymphoid organs. Dendritic cells form from monocytes, white blood cells which circulate in the body and, depending on the right signal, can turn into dendritic cells or macrophages. The monocytes in turn are formed from stem cells in the bone marrow. In normal tissue this antibody identifies dendritic cells and a proportion of B lymphocytes. Evidence in pathological tissue and functional studies suggests it binds to an epitope expressed by antigen presenting cells. Within the macrophage/dendritic cell populations the epitope seen by RFD1 is coexpressed with RFD7 by a subset of cells that exhibit suppressive activity on T cell stimulation.

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**Gene ID:** 494224

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**UniProt:** [Q5R1M6](#)

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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## Handling

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Expiry Date: 12 months