

Rabbit Anti-FDC-SP/Cy5 Conjugated antibody

SL1766R-Cy5

Product Name	Anti-FDC-SP/Cy5
Chinese Name	Cy5 标记的滤泡树突细胞分泌蛋白抗体
Alias	ADC; FDC; FDCs; FDC-SP; FDCSP; Follicular dendritic cell; Follicular dendritic cell secreted protein; Follicular dendritic cell; Follicular dendritic cell secreted peptide; FDC secreted protein.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Horse) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	7.8kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human FDC-SP
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	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.

Subcellular Location:

Secreted.

Tissue Specificity:

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

Database links:

[Entrez Gene: 260436](#) Human

[Omim: 607241](#) Human

[SwissProt: Q8NFM4](#) Human

[Unigene: 320147](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.