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CXCL13 Recombinant Rabbit mAb

Catalog # AP97044

Product Information

Application	WB, IHC-P, IHC-F, E
Primary Accession	O55038
Other Accession	O55038
Reactivity	Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	11927
Physical State	Liquid
Immunogen	Recombinant Mouse Cxcl13 protein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the intercrine alpha (chemokine CxC) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	B lymphocyte chemoattractant, independently cloned and named Angie, is a CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR1). It may therefore function in the homing of B lymphocytes to follicles.

Additional Information

Gene ID	55985
Other Names	ANGIE; ANGIE2; BCA-1; BCA1; BLC; BLR1L; SCYB13; 4631412M08Rik; CXL13_HUMAN; CXCL13; B cell-attracting chemokine 1 (BCA-1); B lymphocyte chemoattractant; CXC chemokine BLC; Small-inducible cytokine B13; CXL13_MOUSE; C-X-C motif chemokine ligand 13; small inducible cytokine B subfamily (Cys-X-Cys motif), member 13 (B-cell chemoattractant); chemokine (C-X-C motif) ligand 13; B-cell chemoattractant
Dilution	WB=1:1000-5000,IHC-P=1:500-1000,IHC-F=1:500-1000,ICC/IF=1:100-400,ELISA=1:5000-1000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Cxcl13
Synonyms	Blc, Scyb13
Function	Strongly chemotactic for B-lymphocytes, weakly for spleen monocytes and macrophages but no chemotactic activity for granulocytes. Binds to BLR1/CXCR5. May play a role in directing the migration of B- lymphocytes to follicles in secondary lymphoid organs.
Cellular Location	Secreted.
Tissue Location	Found in spleen (B-cell-rich zone or follicles), Peyer patches (strongest within germinal centers and extending to the mantle zone) and lymph nodes (in reticular pattern in follicles)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.