

产品说明书

CXCL13 Rabbit mAb(S3132)

货号: HL32454

产品名称	CXCL13 Rabbit mAb(S3132)
来源宿主	Rabbit
反应种属	Human
克隆类型	Rabbit monoclonal
克隆号	S3132
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4),0.05% BSA,40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.Stable for 12 months.
应用	IHC-P,mIHC,IF
使用方法	IHC-P 1:100-1:300; mIHC 1:100-1:300;IF 1:100-1:300
有效期	one year
别名	C-X-C motif chemokine 13; Angie; B cell-attracting chemokine 1 (BCA-1); B lymphocyte chemoattractant; CXC chemokine BLC; Small-inducible cytokine B13; BCA1; BLC; SCYB13
SwissProt	O43927
细胞定位	Secreted
产品介绍	CXCL13, also called BCA-1 or BLC, is a homeostatic CXC chemokine that acts as the main chemoattractant for B lymphocytes and follicular helper T cells through exclusive binding to the G-protein-coupled receptor CXCR5, thereby guiding their migration into lymphoid follicles and organizing the microarchitecture of secondary lymphoid organs such as lymph nodes and spleen; secreted chiefly by follicular dendritic cells, stromal cells, and macrophages, it triggers downstream signaling cascades including PLC-β/PKCα, MAPK, PI3K-Akt, and NF-κB that promote chemotaxis, adhesion, and survival of B cells, and its dysregulation—manifested by elevated serum or tissue levels—has been mechanistically linked to autoimmune diseases (e.g., rheumatoid arthritis, Sjögren's syndrome, systemic lupus erythematosus), chronic inflammatory disorders, B-cell malignancies, and neuroinflammatory conditions like multiple sclerosis, making it both a pathogenic driver and a clinically useful biomarker for disease activity and prognosis.

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地址: 上海市浦东新区周浦镇天雄路588弄, 电话: 19101712317, 邮箱: 469340997@qq.com