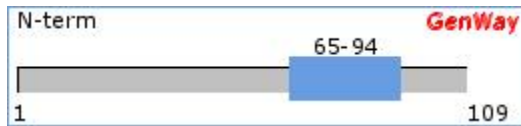


Small inducible cytokine B13, Antibody

CXCL13, B lymphocyte chemoattractant, CXC chemokine BLC, B cell-attracting chemokine 1, BCA-1, ANGIE



Catalog Number: 15-288-21102	
SwissProt Accession #: O43927	SCYBD_HUMAN
NCBI Accession #: NP_006410.1	GI #: 5453577
Immunogen Sequence Position: 65-94	Length (aa): 109
Mol. Weight (Da): 12664	



Linear Protein Map with Immunogenic Epitope Marked (sequence source from above GI#)

Source: Chicken

Purity: Immunoaffinity Purified

Clonality: Polyclonal

Crossreactivity: Human

Format: Phosphate-Buffered Saline. No preservatives added.

Storage: 4°C for short term (weeks) and -20°C for long term. Avoid frequent freeze and thaw.

Stability: 6-12 months at -20°C.

Shipping: Products may be shipped on ice pack.

Precautions: This product is for *in vitro* research use only. Not for use in diagnostic or therapeutic procedures.

Important Notes: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

APPLICATIONS:

Western Blot	Tested
ELISA, ICC, IHC	Not Tested

TESTING: (secondary reagents and protocols)

Not Available

TARGET DESCRIPTION:

FUNCTION: Chemotactive for B lymphocytes but not for T-lymphocytes, monocytes and neutrophils. Does not induce calcium release in B lymphocytes. Binds to BLR1/CXCR5.

SIMILARITY: Belongs to the [intercrine alpha \(chemokine CxC\) family](#).

SUBCELLULAR LOCATION: Secreted protein.

TISSUE SPECIFICITY: Highest levels in liver, followed by spleen, lymph node, appendix and stomach. Low levels in salivary gland, mammary gland and fetal spleen.

OMIM: 605149; gene. [NCBI / EBI]

CATEGORIES RELATED TO TARGET PROTEIN:

TISSUES: Leukocyte, Blood Cells, Lymphocytes, Lymphoid, T-Cell, Lymph Node, Tumor Cells, Lymphoma, B-Cell Lymphoma, Dendritic Cell, Tonsil, Macrophage, Stromal Cells, Monocytes, Peripheral Blood, Pharynx, Peripheral Blood Lymphocytes, Plasma, Peripheral Blood T-Cell, Synovial Cell

more... Blood Vessels, Bone Marrow, Synovium, Spleen, Salivary Gland, Osteoblast, Eye, Gastrointestinal Tract, Extracellular Matrix, Extracellular Fluid, Fibroblast, Mucosa, Thyroid, T-Cell Lymphoma, Cell Surface, Capillary Endothelium, Cerebrospinal Fluid

PROTEIN FUNCTIONS: Cytokines, Protein Biosynthesis, Receptors, Immunologic, Receptors, Cytokine, Cytokine Receptors, G-Protein Coupled Receptors, Receptors, G-Protein-Coupled, Chemotaxis, Immunoglobulins, Antigens, Surface, Antigen, Differentiation, Serum Globulins, Membrane Glycoproteins, Interleukins, Tumor Necrosis Factors, Cell Division, Esterases, Gtp-Binding Proteins, Acid Anhydride Hydrolases, Gtp-Binding Protein Regulators

more... Adaptor Proteins, Signal Transducing, Blood Coagulation Factors, Cell Aggregation, Cell Adhesion Molecules (Cams)

DISEASES: Benign Tumor, Lymphoma, Lymphadenopathy, Autoimmune Disease, Arthritis, Rheumatic Diseases, Joint Diseases, Connective Tissue Diseases, Eye Diseases, Burkitt's Lymphoma, Viral Diseases, Lyme Disease, Sjogren's Syndrome, Sjogren's Syndrome, Degenerative Joint Disease, Encephalitis, Autoimmune Thyroiditis, Colitis, Leukemia, Neoplasm

more...

BACKGROUND REFERENCES:

- [1] Barone,F., et al. [Association of CXCL13 and CCL21 expressi...](#)
- [2] Narayan,K., et al. [The nervous system as ectopic germinal c...](#)
- [3] Steinmetz,O.M., et al. [BCA-1/CXCL13 expression is associated wi...](#)
- [4] Carlsen,H.S., et al. [Monocyte-like and mature macrophages pro...](#)
- [5] Aust,G., et al. [The role of CXCR5 and its ligand CXCL13 ...](#)

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