Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse C-X-C motif chemokine 13 (CXCL13) mAb(DET)

Catalog No.: RMK0173

Basic Information

Catalog No.
RMK0173

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
/

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

Contact

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Background

Mouse CXCL13 (C-X-C Motif Chemokine Ligand 13), also known as B-Lymphocyte Chemoattractant (BLC), B-Cell Attracting Chemokine 1 (BCA-1), or Small Inducible Protein A14 (SIGLEC14), is a small secreted protein that belongs to the CXC subfamily of chemokines. Chemokines are a group of cytokines that play crucial roles in directing the migration of immune cells during inflammation and homeostasis.In mammals, CXCL13 is primarily expressed by follicular dendritic cells within germinal centers of secondary lymphoid organs such as spleen and lymph nodes. It functions as a potent chemoattractant for B cells expressing its receptor, CXCR5. The CXCL13/CXCR5 axis is particularly important for the organization of lymphoid tissue and the formation of B-cell follicles, which are specialized compartments where B cells undergo proliferation, differentiation, and affinity maturation in response to antigens. Research involving Mouse CXCL13 has been instrumental in understanding various aspects of humoral immunity and autoimmune diseases. Elevated levels...

Immunogen Information

Immunogen
Recombinant Mouse C-X-C motif chemokine 13 (CXCL13)

Cross-Reactivity

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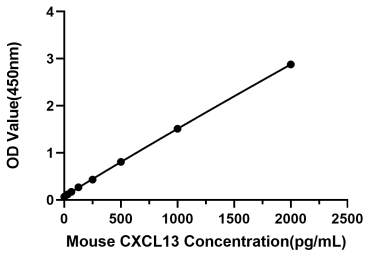
Assay Applications

Mouse CXCL13 Sandwich Immunoassay

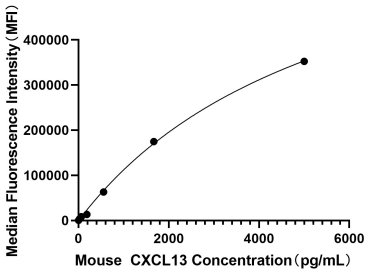
		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Mouse C-X-C motif chemokine 13 (CXCL13) (Cat. No. RMK0172)
	Detection	0.05-0.2 μg/mL	Rabbit anti-Mouse C-X-C motif chemokine 13 (CXCL13) (Cat. No. RMK0173)
	Standard	31.25-2000 pg/mL	Recombinant Mouse CXCL13/BLC Protein

Multiplex	Capture	3-20 μg/mL	Rabbit anti-Mouse CXCL13 mAb (Cat. No. RMK0328)
	Detection	0.017-2 μg/mL	Rabbit anti-Mouse C-X-C motif chemokine 13 (CXCL13) (Cat. No. RMK0173)
	Standard	6.86-5000 pg/mL	Recombinant Mouse CXCL13/BLC Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



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