Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse IL-13 mAb

Catalog No.: RMK0130

Basic Information

Catalog No.
RMK0130

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

Cytokine that plays important roles in allergic inflammation and immune response to parasite infection. Synergizes with IL2 in regulating interferon-gamma synthesis. Stimulates B-cell proliferation, and activation of eosinophils, basophils, and mast cells. Plays an important role in controlling IL33 activity by modulating the production of transmembrane and soluble forms of interleukin-1 receptor-like 1/IL1RL1. Displays the capacity to antagonize Th1-driven proinflammatory immune response and downregulates synthesis of many proinflammatory cytokines including IL1, IL6, IL10, IL12 and TNF-alpha through a mechanism that partially involves suppression of NF-kappa-B. Functions also on nonhematopoietic cells, including endothelial cells where it induces vascular cell adhesion protein 1/VCAM1, which is important in the recruitment of eosinophils. Exerts its biological effects through its receptors which comprises the IL4R chain and the IL13RA1 chain, to activate JAK1 and TYK2, leading to the activation of STAT6. Aside from IL13RA1, another ...

Immunogen Information

Immunogen
Recombinant mouse IL-13 Protein

Cross-Reactivity

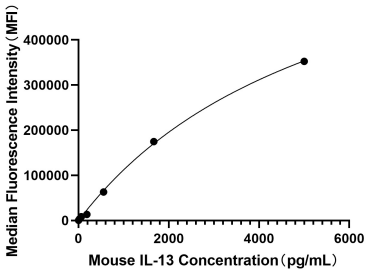
Assay Applications

Mouse IL-13 Sandwich Immunoassay

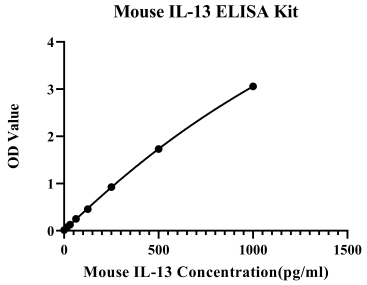
		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Mouse IL-13 mAb (Cat. No. RMK0129)
	Detection	0.04-0.01 μg/mL	Rabbit anti-Mouse IL-13 mAb (Cat. No. RMK0130)
	Standard	15.63-1000 pg/mL	Recombinant Mouse IL-13 Protein (Cat. No. RP01598)

Multiplex	Capture	3-20 μg/mL	Rabbit anti-Mouse IL-13 mAb (Cat. No. RMK0129)
	Detection	0.017-2 μg/mL	Rabbit anti-Mouse IL-13 mAb (Cat. No. RMK0130)
	Standard	6.86-5000 pg/mL	Recombinant Mouse IL-13 Protein (Cat. No. RP01598)

Validation Data



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



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