Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-13 mAb

Catalog No.: RMK0566

Basic Information

Catalog No.
RMK0566

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

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

Formulation
Supplied as a 0.2μm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

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Background

This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4.

Immunogen Information

Immunogen
Recombinant Human IL-13 protein

Cross-Reactivity

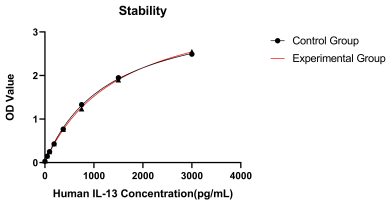
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Assay Applications

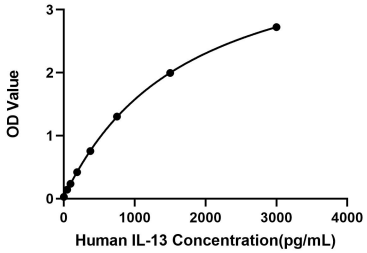
Human IL-13 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	0.5-2ug/mL	Rabbit anti-Human IL-13 mAb (Cat. No. RMK0566)
	Detection	0.006-0.025ug/mL	Rabbit anti-Human IL-13 mAb (Cat. No. RMK0567)
	Standard	46.88-3000pg/mL	Recombinant Human IL-13 Protein (Cat. No. RP01320)

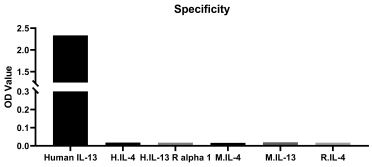
Validation Data



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.



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



No significant cross-reactivity or interference was observed.