

# Biotinylated Rabbit anti-Human IL-13 mAb

Catalog No.: RMK0567B

#### **Basic Information**

#### Catalog No.

RMK0567B

#### Catagory

Elisa Antibody Kit

#### **Application**

**ELISA** 

#### **Product Information**

### Ig Type

Rabbit IgG

## **Purification**

Affinity purification

#### **Endotoxin Level**

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#### Storage

Store at -20°C.

Avoid repeated freeze-thaw cycles.

#### **Formulation**

Supplied as a 0.2  $\mu$ m filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## **Contact**

•	order@abclonal.com
<u>a</u>	support@abclonal.com
•	www.abclonal.com

# **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	0.5-2 μg/mL	Rabbit anti-Human IL-13 mAb (Cat. No. RMK0566)
	Detection	0.006-0.025 μg/mL	Rabbit anti-Human IL-13 mAb (Cat. No. RMK0567)
	Standard	46.88-3000 pg/mL	Recombinant Human IL-13 Protein (Cat. No. RP01320)