Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human TSLP mAb

Catalog No.: RMK0113

Basic Information

Catalog No.
RMK0113

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 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

Contact

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Background

This gene encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c(+) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases, including asthma, allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases. In addition, the shorter (predominant) isoform is an antimicrobial protein, displaying antibacterial and antifungal activity against B. cereus, E. coli, E. faecalis, S. mitis, S. epidermidis, and C. albicans. Alternative splicing of this gene results in multiple transcript variants.

Immunogen Information

Immunogen
Recombinant human TSLP

Cross-Reactivity

Assay Applications

Human TSLP Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 μg/mL	Rabbit anti-Human TSLP mAb (Cat. No. RMK0113)
ELISA Detection	2.5-10 ng/mL	Rabbit anti-Human TSLP mAb (Cat. No. RMK0114)
Standard	31.25-2000 pg/mL	Recombinant Human TSLP Protein (Cat. No. RP01172)