

Rabbit anti-Human TSLP mAb

Catalog No.: RMK0228

Basic Information

Catalog No.
RMK0228

Catagory
Elisa Antibody Kit

Application
Multiplex

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 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 Protein

Cross-Reactivity

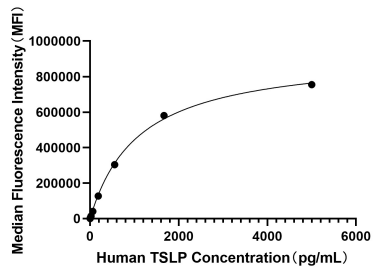
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Assay Applications

Human TSLP Sandwich Immunoassay

	Recommended Concentration	Sample
Multiplex Capture	3-20 µg/mL	Rabbit anti-Human TSLP mAb (Cat. No. RMK0228)
Multiplex Detection	0.017-2 µg/mL	Rabbit anti-Human TSLP mAb (Cat. No. RMK0229)
Standard	6.86-5000 pg/mL	Recombinant Human TSLP Protein (Cat. No. RP01172)

Validation Data



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