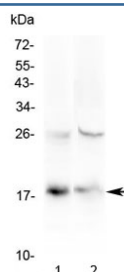


TSLP Antibody / Thymic stromal lymphopoietin (R32883)

Catalog No.	Formulation	Size
R32883	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q969D9
Localization	Secreted
Applications	Western Blot : 0.5-1ug/ml ELISA (Capture; Human Recombinant Protein) : 0.1-0.5ug/ml (BSA-free format available)
Limitations	This TSLP antibody is available for research use only.



Western blot testing of 1) human HeLa and 2) mouse spleen lysate with TSLP antibody at 0.5ug/ml. Predicted molecular weight ~18 kDa.

Description

Thymic stromal lymphopoietin, also called TSLP is a protein belonging to the cytokine family. This gene is mapped to 5q22.1. It 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.

Application Notes

Optimal dilution of the TSLP antibody should be determined by the researcher.

Immunogen

Amino acids KVTTNKCLEQVSQLQGLWRRFNRPLLKQQ were used as the immunogen for the TSLP antibody.

Storage

After reconstitution, the TSLP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.