
TSLP Rabbit pAb

Catalog Number: bs-0449R

Target Protein: TSLP

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human

Predicted MW: 15 kDa

Subcellular: Secreted

Locations:

Entrez Gene: 85480

Swiss Prot: Q969D9

Source: KLH conjugated synthetic peptide derived from human TSP-1: 101-159/159.

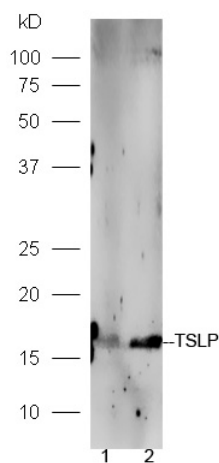
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

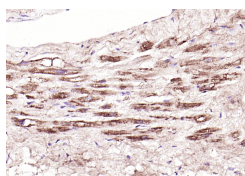
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Thymic stromal lymphopoietin (TSLP) is a novel cytokine that was found to promote the development of murine B cells in vitro. This protein, which is expressed in a number of tissues including heart, liver and prostate, prevented apoptosis and stimulated growth of the human acute myeloid leukemia (AML)-derived cell line MUTZ-3. Anti-interleukin (IL)-7 receptor antibodies (Abs) neutralized this effect indicating that TSLP binds to at least part of the IL-7 receptor complex. TSLP induced phosphorylation of signal transducer and activator of transcription (STAT)-5.

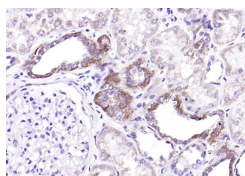
VALIDATION IMAGES



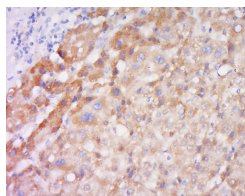
Sample: Lane1:K562 Cell Lysate at 30ug Lane2: Raji Cell Lysate at 30ug Primary: Anti-TSLP (bs-0449R) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000 dilution; Predicted band size: 15 kD Observed band size: 17 kD



Paraformaldehyde-fixed, paraffin embedded (Human heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TSLP) Polyclonal Antibody, Unconjugated (bs-0449R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TSLP) Polyclonal Antibody, Unconjugated (bs-0449R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human liver carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TSLP Polyclonal Antibody, Unconjugated(bs-0449R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.8] Jana Zeitvogel. et al. Short-form thymic stromal lymphopoietin (sTSLP) restricts herpes simplex virus infection of human primary keratinocytes. J MED VIROL. 2024 Sep;96(9):e29865 WB ; Human . 39233492

[IF=5.34] Dian-Dong Hou. et al. Therapeutic effects of myricetin on atopic dermatitis in vivo and in vitro. PHYTOMEDICINE. 2022 Jul;102:154200 IHC ; Mouse . 35671605

[IF=3.483] Shen Z et al. Insights into Roseburia intestinalis which alleviates experimental colitis pathology by inducing anti-inflammatory responses. J Gastroenterol Hepatol. 2018 Oct;33(10):1751-1760. IHC ; Mouse . 29532517

[IF=2.493] Min-jie Gong. et al. Melatonin reduces IL-33 and TSLP expression in human nasal epithelial cells by scavenging ROS directly. IMMUN INFLAMM DIS. 2023 Feb;11(2):e788 WB ; Human . 36840497

[IF=0.67] Sakitani, Eri, et al. "Increased Expression of Thymic Stromal Lymphopoietin and Its Receptor in Kimuras Disease." ORL 77.1 (2015): 44-54. Other ; ="" . 25676453