

## Anti-TSLP Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 15 kDa. Actual: 17 kDa.
Purification:	Protein A purified

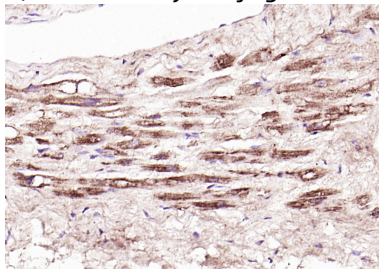
### Applications

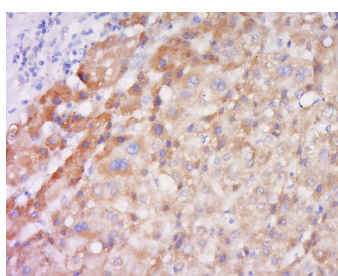
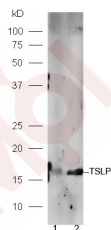
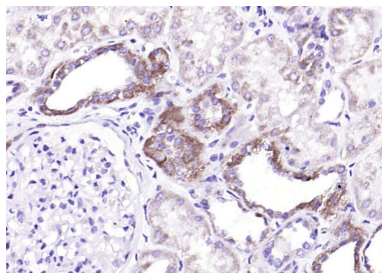
1. Paraformaldehyde-fixed, paraffin embedded (Human heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (TSLP) Polyclonal Antibody, Unconjugated (TMAB-01913) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (TSLP) Polyclonal Antibody, Unconjugated (TMAB-01913) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

#### 3. Sample:

Verified Activity: Lane1: K562 Cell Lysate at 30 µg  
Lane2: Raji Cell Lysate at 30 µg  
Primary: Anti-TSLP (TMAB-01913) at 1:300 dilution;  
Secondary: HRP conjugated Goat-Anti-rabbit IgG (secondary antibody) at 1: 5000 dilution;  
Predicted band size: 15 kDa  
Observed band size: 17 kDa

4. Tissue/cell: human liver carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;  
Incubation: Anti-TSLP Polyclonal Antibody, Unconjugated (TMAB-01913) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human TSP-1

Antigen Species: Human

Gene ID: 85480

Uniprot ID: Q969D9

Synonyms: thymic stromal lymphopoietin;TSLP

Biology Area: Cytokines

### Research 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481