

## Monoclonal Anti-human TSLP

**Product reference: DDX0800**

### Description

The TSLP (thymic stromal lymphopoietin) is a hemopoietic protein of 159 aa (18 kDa), proposed to signal through a heterodimeric receptor complex composed of TSLP-receptor and IL7R $\alpha$  chain. Expressed in many tissues, it prevents apoptosis and stimulates the growth of myeloid cells. It is also detected in the thymus and the tissue cells of the bone marrow. TSLP affects the transition from pre-B cells in B. Alternative splicing of this gene results in two transcripts variants.

*(Reche PA et al, J Immunol., 2001, 167(1):336-43 ; Dorshkind. K, Nature. Immunol., 2000 (1):369-370)*

**Clone:** 214E4.01  
**Species:** mouse  
**Specificity:** human TSLP  
**Immunogen:** human TSLP-His transfected 293T  
**Species cross-reactivity:** nd  
**Isotype:** IgG1  
**Purification:** QMA Hyper D ion exchange chromatography  
**Formulation/size:** **Purified:** 100  $\mu$ g in 200  $\mu$ l Tris-NaCl pH 8  
**Coupled:** 100  $\mu$ g in 200  $\mu$ l PBS 50% glycerol (*on request*)

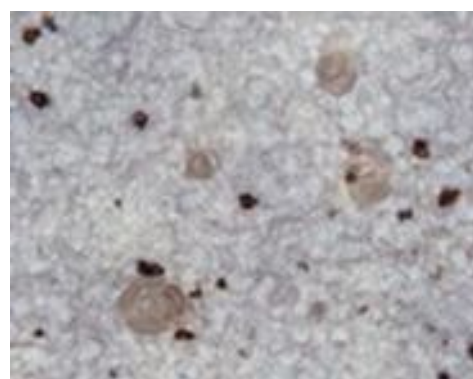
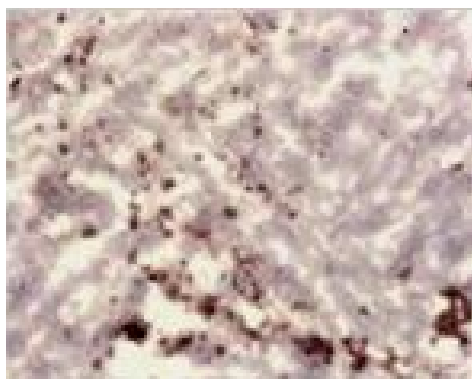
### Available formats (*on request*):

| Reference                          | Clone           | Format          | Application tested |
|------------------------------------|-----------------|-----------------|--------------------|
| <b>DDX0800</b>                     | <b>214E4.01</b> | <b>purified</b> | <b>IHC</b>         |
| DDX0801                            | 209A2.03        | purified        | IHC, Elisa         |
| DDX0804                            | 210H1.04        | purified        | Elisa, WB          |
| DDX0804-biot ( <i>On request</i> ) | 210H1.04        | biotin          | Elisa, WB          |

**Applications tested:** IHC

tonsil

thymus



*IHC staining of human tissue sections with 214E4.04*

*Other clones available on request*

**Usage recommendation:** \*This monoclonal antibody may be used between 1-10  $\mu$ g/ml.  
 \*Optimal dilution should be determined by each laboratory for each application.  
 \*Coupled antibody: to maintain RT before use.

**Aliquot storage conditions:** -20°C. **KEEP CONTENTS STERILE: no preservative.**  
**Purified antibodies:** avoid repeated freeze/thaw cycles.  
**Coupled antibodies:** glycerol protects from freezing.

**Not for use in Humans. For research purpose only**