

## 10-4105: Monoclonal Antibody to hTSLPR (Clone: ABM3B96)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM3B96
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	CRLF2
<b>Gene ID :</b>	64109
<b>Uniprot ID :</b>	Q9HC73
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Cytokine receptor-like factor 2, Cytokine receptor-like 2,IL-XR,Thymic stromal lymphopietin protein receptor, TSLP receptor
<b>Isotype :</b>	Mouse IgG2b Kappa
<b>Immunogen Information :</b>	A partial length recombinant TSLPR protein (amino acids 102-310) was used as the immunogen for this antibody.

### Description

TSLPR (thymic stromal lymphopoietin receptor) also known as CRLF2 (cytokine receptor-like factor 2) is a member of type I cytokine receptor. It binds its ligand TSLP (thymic stromal lymphopoietin) as a heterodimer with IL7R. TSLP ligand is produced by epithelial cells in order to activate dendritic cells, and is involved in inflammation, allergic responses as well as B-cell precursor proliferation and survival. The interaction between TSLP and its heterodimeric receptor activate STAT3, STAT5, and JAK2 pathways, which control processes such as cell proliferation and development of the hematopoietic system. High expression of CRLF2 is associated with a poor prognosis in adult and high-risk pediatric cases of B-ALL (B-cell acute lymphoblastic leukemias).

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

WB: 2-4 µg/ml

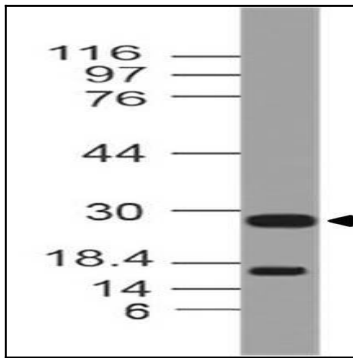


Figure-1: Western blot analysis of TSLPR. Anti- TSLPR antibody (10-4105) was used at 2  $\mu$ g/ml on human heart lysate.