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10-4059: Monoclonal Antibody to TSLP Receptor (Clone: ABM2D87)

Clonality: Monoclonal **Clone Name:** ABM2D87 Application: WB Reactivity: Human Gene: CRLF2 Gene ID: 64109 **Uniprot ID:** Q9HC73 **Purified** Format:

Alternative Name: CRLF2,CRL2,ILXR,TSLPR
Isotype: Mouse IgG2b Kappa

Immunogen Information: A partial length recombinant TSLPR protein (amino acids 97-252) 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

Amount : $25 \mu g / 100 \mu g$

Purification: Protein G Chromatography

Content: 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.

Storage condition : 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

Western blot analysis: 2-4 µg/ml



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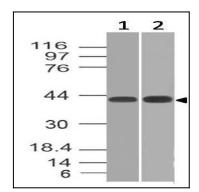


Fig-1: Western blot analysis of TSLP Receptor. Anti- TSLP Receptor antibody (Clone: ABM2D87) was tested at 2 μ g/ml on (1) THP-1 and (2) human heart lysates.