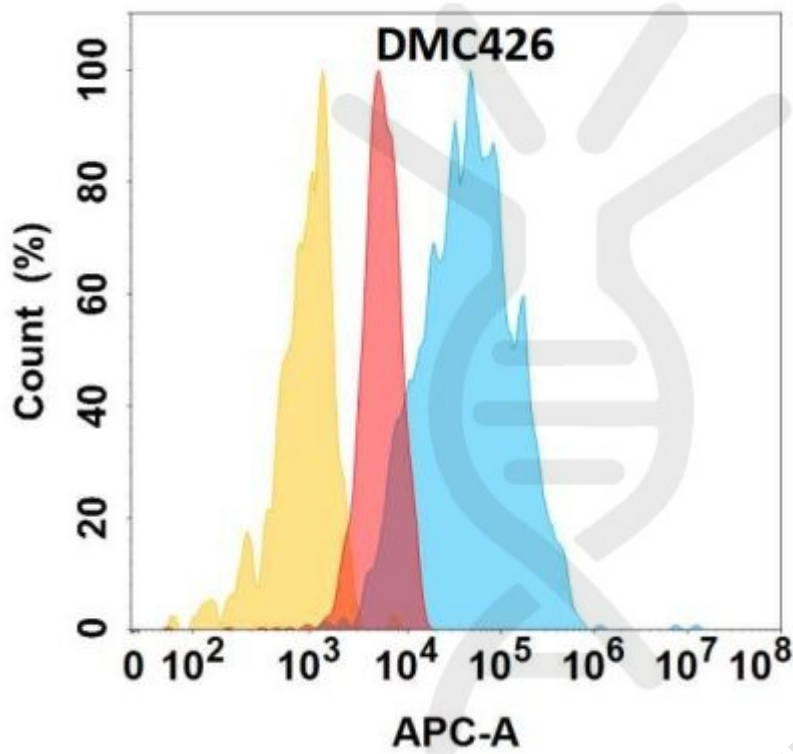


**PRODUCT INFORMATION**

<b>Clone ID</b>	DMC426
<b>Target</b>	TSLP
<b>Synonyms</b>	TSLP
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-TSLP antibody(DMC426); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q969D9
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	This gene encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c( ) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases; including asthma; allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases. In addition; the shorter (predominant) isoform is an antimicrobial protein; displaying antibacterial and antifungal activity against <i>B. cereus</i> ; <i>E. coli</i> ; <i>E. faecalis</i> ; <i>S. mitis</i> ; <i>S. epidermidis</i> ; and <i>C. albicans</i> . Alternative splicing of this gene results in multiple transcript variants.
<b>Usage</b>	Research use only





**Figure 1.** TSLP protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-TSLP (DMC426) on Expi293 cells transfected with human TSLP (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

