

For Research Use Only

# CCL25/TECK Polyclonal antibody, PBS Only

Catalog Number: 25285-1-PBS



## Basic Information

<b>Catalog Number:</b> 25285-1-PBS	<b>GenBank Accession Number:</b> BC130561	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 6370	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> O15444	
<b>Immunogen Catalog Number:</b> AG17994	<b>Full Name:</b> chemokine (C-C motif) ligand 25	
	<b>Calculated MW:</b> 150 aa, 17 kDa	

## Applications

**Tested Applications:**  
IHC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

CCL25, also known as Thymus-Expressed Chemokine (TECK), is a small chemokine belonging to the CC subfamily, first isolated from mouse thymus in 1997. Its official full name is "C-C motif chemokine ligand 25". CCL25 is mainly expressed in the thymus and small-intestinal epithelium, and to a lesser extent by vascular endothelial cells and other parenchymal tissues. It selectively attracts dendritic cells, thymocytes, and activated macrophages via binding to its high-affinity G-protein-coupled receptor CCR9, while showing no chemotactic activity on peripheral blood lymphocytes or neutrophils. Through this CCR9-CCL25 axis it orchestrates T-cell development in the thymus and guides CCR9<sup>+</sup> lymphocytes-especially IgA-producing plasma cells and intra-epithelial lymphocytes-to the small intestine, thus participating in mucosal immunity and gut homeostasis.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

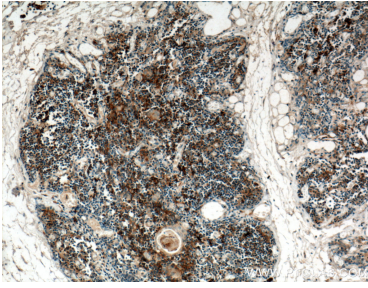
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

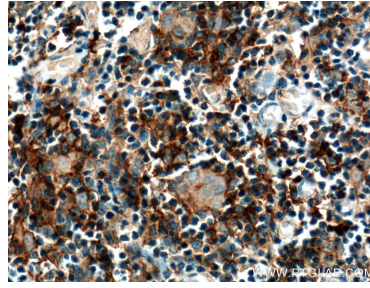
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 25285-1-AP (CCL25/TECK antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25285-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 25285-1-AP (CCL25/TECK antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25285-1-PBS in a different storage buffer formulation.