

For Research Use Only

CCL25/TECK Polyclonal antibody, PBS Only

Catalog Number: 25285-1-PBS



Basic Information

Catalog Number: 25285-1-PBS	GenBank Accession Number: BC130561	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6370	
Source: Rabbit	UNIPROT ID: O15444	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 25	
Immunogen Catalog Number: AG17994	Calculated MW: 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⁺ 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.

Storage Buffer:
PBS only, pH7.3

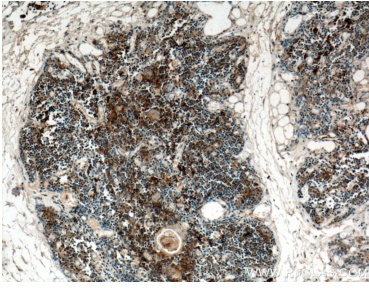
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

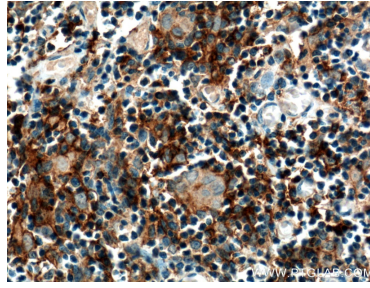
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.