

## CCL25 Rabbit pAb

Catalog Number: bs-5093R

Target Protein: CCL25

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted:Human, Mouse, Rabbit, Pig, Cow, Dog, Horse)

Predicted MW: 14 kDa

Entrez Gene: 6370

Swiss Prot: O15444

Source: KLH conjugated synthetic peptide derived from human CCL25: 21-120/150.

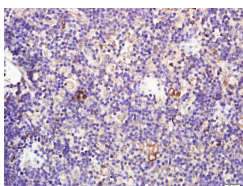
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

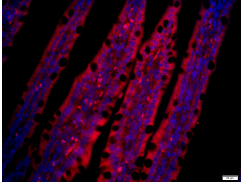
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. TECK displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. TECK binds to chemokine receptor CCR9. Two alternatively spliced variants encoding two different isoforms have been identified.

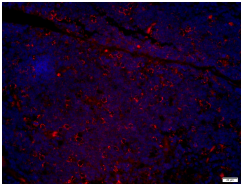
### VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TECK) Polyclonal Antibody, Unconjugated (bs-5093R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat small intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TECK) Polyclonal Antibody, Unconjugated (bs-5093R) at 1:400 overnight at 4°C, followed by a conjugated secondary (bs-0295G-Cy3) at [1:500] for 90 minutes and DAPI staining of the nuclei.



Paraformaldehyde-fixed, paraffin embedded (rat thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TECK) Polyclonal Antibody, Unconjugated (bs-5093R) at 1:400 overnight at 4°C, followed by a conjugated secondary (bs-0295G-Cy3) at [1:500] for 90 minutes and DAPI staining of the nuclei.

## PRODUCT SPECIFIC PUBLICATIONS

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**[IF=5.714]** Tianming Li. et al. IL-17D affects the chemokines and chemokine receptors of intestinal epithelial cells under hyperoxia. INT IMMUNOPHARMACOL. 2022 Dec;113:109386 WB,IHC ; Rat, Human . 36461593

**[IF=2.985]** Gao W et al. Impaired CCR9/CCL25 signalling induced by inefficient dendritic cells contributes to intestinal immune imbalance in nonalcoholic steatohepatitis Biochem Biophys Res Commun.2021 Jan 1;534:34-40. IF, WB ; Mouse . 33310185

**[IF=3.247]** Jian Bi. et al. MiR-155-5p-SOCS1/JAK1/STAT1 participates in hepatic lymphangiogenesis in liver fibrosis and cirrhosis by regulating M1 macrophage polarization. HUM EXP TOXICOL. ;(): WB ; Mouse . 36651907