For Research Use Only

Anti-Mouse CCL28 Rabbit Recombinant Antibody, PBS Only

Catalog Number:98826-5-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
98826-5-PBS

Size:
1mg , 3 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG5201

GenBank Accession Number:
NM_020279.3

GeneID (NCBI):
56838

UNIPROT ID:
Q9JIL2

Full Name:
chemokine (C-C motif) ligand 28

Calculated MW:
15 kDa

Purification Method:
Protein A purification

CloneNo.:
252525A7

Applications

Tested Applications:
IHC, FC (Intra)

Species Specificity:
mouse

Background Information

CCL28, also named as SCYA28, CCK1 and MEC, belongs to the intercrine beta (chemokine CC) family. It has chemotactic activity for resting CD4, CD8 T-cells and eosinophils. CCL28 binds to CCR3 and CCR10 and induces calcium mobilization in a dose-dependent manner. CCL28 is expressed in a variety of human and mouse tissues, and it appears to be predominantly produced by epithelial cells. It is produced by epithelial cells of these tissues suggesting that this chemokine can play an important role by linking homing mechanisms between the gut, nasal mucosa and mammary gland (MG).

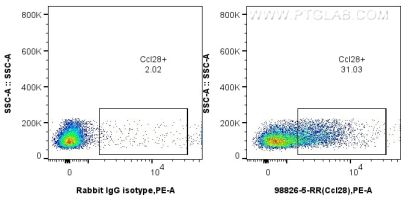
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

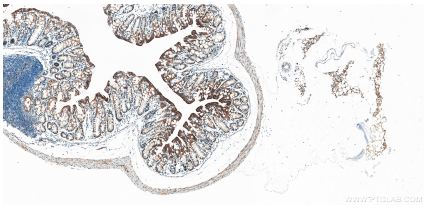
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

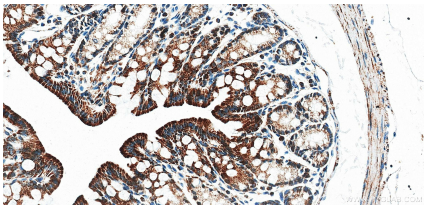
Selected Validation Data



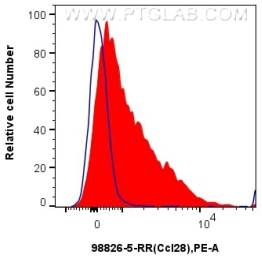
1x10^6 mouse splenocytes were intracellularly stained with 0.25 ug Anti-Mouse CCL28 Rabbit RecAb (98826-5-RR, Clone:252525A7), or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone



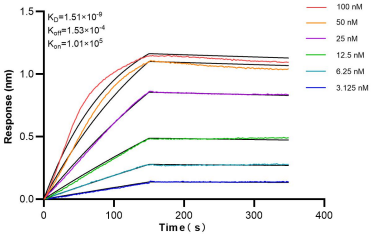
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 98826-5-RR (Ccl28 antibody) at dilution of 1:3000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98826-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 98826-5-RR (Ccl28 antibody) at dilution of 1:3000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98826-5-PBS in a different storage buffer formulation.



1x10^6 mouse splenocytes were intracellularly stained with 0.25 ug Anti-Mouse Ccl28 Rabbit RecAb (98826-5-RR, Clone:252525A7)(red),or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9)(blue)and PE-Conjugated Goat Anti-Rabbit IgG(H+L).Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone



Biolayer interferometry (BLI) kinetic assays of 98826-5-RR against Mouse CCL28 were performed. The affinity constant is 1.51 nM.