For Research Use Only

Anti-Mouse CCL28 Rabbit Recombinant Antibody

Catalog Number:98826-5-RR

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Basic Information

Catalog Number:
98826-5-RR

Size:
100ug , 1000 µg/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

Recommended Dilutions:
IHC: 1:1500-1:6000
FC (Intra): 0.25 ug per 10^6 cells in a 100 ul suspension

Applications

Tested Applications:
IHC, FC (Intra)

Species Specificity:
mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse colon tissue,

FC (Intra) : mouse splenocytes,

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).

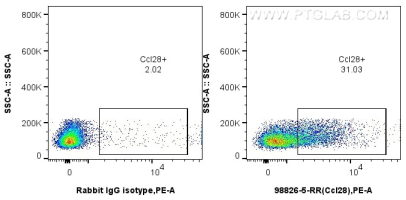
Storage

Storage:
Store at 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

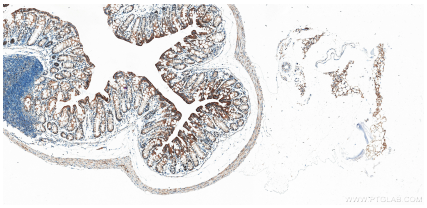
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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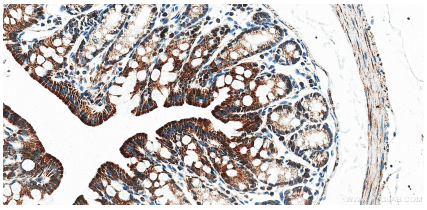
Selected Validation Data



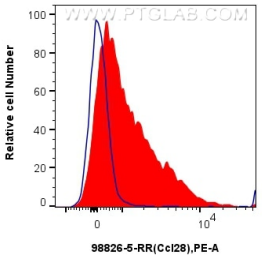
1x10^6 mouse splenocytes were intracellularly stained with 0.25 ug Anti-Mouse CCL28 Rabbit RecAb (98826-5-RR, Clone:252525A7), or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular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



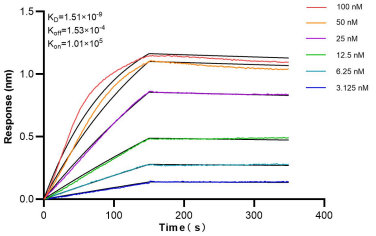
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 98826-5-RR (Ccl28 antibody) at dilution of 1:3000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



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