

## CCL26 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22319b

## **Specification**

# CCL26 Antibody (C-Term) - Product Information

Application	WB, FC,E
Primary Accession	<u>09Y258</u>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	10648

## CCL26 Antibody (C-Term) - Additional Information

### Gene ID 10344

### **Other Names**

C-C motif chemokine 26, CC chemokine IMAC, Eotaxin-3, Macrophage inflammatory protein 4-alpha, MIP-4-alpha, Small-inducible cytokine A26, Thymic stroma chemokine-1, TSC-1, CCL26, SCYA26

#### Target/Specificity

This CCL26 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 58-92 amino acids from the human region of human CCL26.

**Dilution** WB~~1:2000 FC~~1:25 E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CCL26 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

# CCL26 Antibody (C-Term) - Protein Information

Name CCL26 (<u>HGNC:10625</u>)



**Function** Chemoattractant for eosinophils and basophils (PubMed:<u>10415065</u>, PubMed:<u>10488147</u>). Acts as a ligand for C-C chemokine receptor CCR3 which triggers Ca(2+) mobilization in eosinophils (PubMed:<u>10415065</u>, PubMed:<u>10488147</u>, PubMed:<u>11425309</u>). Also acts as a ligand for CX3C chemokine receptor CX3CR1, inducing cell chemotaxis (PubMed:<u>20974991</u>).

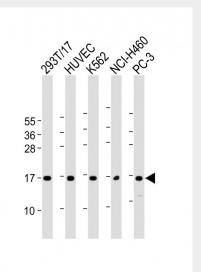
**Cellular Location** Secreted.

**Tissue Location** Ubiquitously expressed at low levels in various tissues including heart and ovary.

## CCL26 Antibody (C-Term) - Protocols

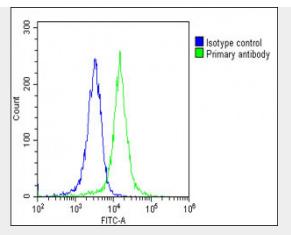
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>
- CCL26 Antibody (C-Term) Images



All lanes : Anti-CCL26 Antibody (C-Term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: HUVEC whole cell lysate Lane 3: K562 whole cell lysate Lane 4: NCI-H460 whole cell lysate Lane 5: PC-3 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5% NFDM/TBST.





Overlay histogram showing K562 cells stained with AP22319b(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22319b, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit lgG, **DyLight**® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 ( $1\mu g/1x10^{6}$  cells) used under the same conditions. Acquisition of >10, 000 events was performed.

## CCL26 Antibody (C-Term) - Background

Chemotactic for eosinophils and basophils. Binds to CCR3.

## CCL26 Antibody (C-Term) - References

Guo R.F.,et al.Genomics 58:313-317(1999). Shinkai A.,et al.J. Immunol. 163:1602-1610(1999). Kitaura M.,et al.J. Biol. Chem. 274:27975-27980(1999). Wang Z.,et al.Submitted (OCT-1998) to the EMBL/GenBank/DDBJ databases. Berg E.L.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.