10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCL26 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22319b

Product Information

Application	WB, FC, E
Primary Accession	Q9Y258
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB57589
Calculated MW	10648

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.

Protein Information

Name	CCL26 (HGNC:10625)
Function	Chemoattractant for eosinophils and basophils (PubMed: 10415065, PubMed:10488147). Acts as a ligand for C-C chemokine receptor CCR3 which triggers Ca(2+) mobilization in eosinophils (PubMed:10415065, PubMed:10488147, PubMed:11425309). Also acts as a ligand for CX3C

chemokine receptor CX3CR1, inducing cell chemotaxis (PubMed:20974991).

Cellular Location Secreted.

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

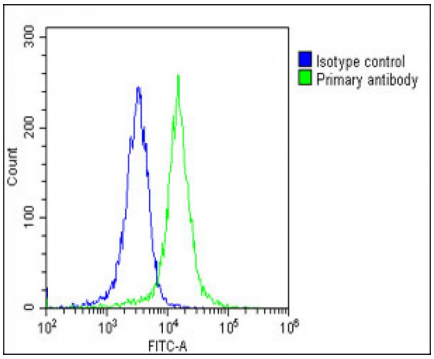
Background

Chemotactic for eosinophils and basophils. Binds to CCR3.

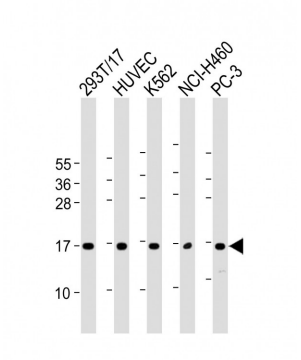
References

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.

Images



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 IgG, 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 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.



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 µg 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.