

## Anti-I-309/CCL1 Antibody Picoband® FITC Conjugated

Catalog Number: PB9028-FITC

### About CCL1

CCL1, Chemokine (C-C motif) ligand 1, is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine receptor CCR8.

### Overview

Product Name	Anti-I-309/CCL1 Antibody Picoband® FITC Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P22362

### Technical Details

Immunogen	E.coli-derived human I-309 recombinant protein (Position: K24-K96). Human I-309 shares 38% amino acid (aa) sequence identity with mouse I-309.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 4 Publications Citing This Product

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1. PubMed ID: 19424673, Treating Human Meniscal Fibrochondrocytes with hIGF-1 Gene by Liposome
2. PubMed ID: 22720981, Insulin-like growth factors in endometrioid adenocarcinoma: Correlation with clinico-pathological features and estrogen receptor expression
3. PubMed ID: 27725848, Let-7a inhibits migration of melanoma cells via down-regulation of HMGA2 expression

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