CCL28 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCL28, Polyclonal Antibody
Full Product Name	CCL28 Conjugated Antibody
Product Gene Name	anti-CCL28 antibody
Product Synonym Names	MEC; CCK1; SCYA28
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous level of total CCL28 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	127
OMIM	605240
3D Structure	ModBase 3D Structure for Q9NRJ3
Immunogen	Recombinant protein of human CCL28.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-CCL28 antibody	Most Applications
Application Notes for anti-CCL28 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-CCL28 antibody	This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs.
Other Notes	Small volumes of anti-CCL28 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCL28 purchase	MBS9443837 is an antibody targeting CCL28. Also known as CCL28 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCL28. It may not necessarily be applicable to this product.

NCBI GI #	12230650
NCBI GeneID	56477
NCBI Accession #	Q9NRJ3.1
UniProt Primary Accession #	Q9NRJ3
UniProt Secondary Accession #	D7RIE7
UniProt Related Accession #	Q9NRJ3
NCBI Official Full Name	C-C motif chemokine 28
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 28
NCBI Official Symbol	CCL28
NCBI Official Synonym Symbols	MEC; CCK1; SCYA28
UniProt Protein Name	C-C motif chemokine 28
UniProt Synonym Protein Names	Mucosae-associated epithelial chemokine; MEC; Protein CCK1; Small-inducible cytokine A28
Protein Family	C-C motif chemokine
UniProt Gene Name	CCL28
UniProt Synonym Gene Names	SCYA28; MEC
UniProt Entry Name	CCL28_HUMAN
NCBI Protein Information	C-C motif chemokine 28; CC chemokine CCL28; small inducible cytokine A28; small-inducible cytokine A28; mucosae-associated epithelial chemokine; chemokine (C-C motif) ligand 28 splice variant chi; small inducible cytokine subfamily A (Cys-Cys), member 28
NCBI Summary for CCL28	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]
UniProt Comments for CCL28	CCL28: Chemotactic activity for resting CD4, CD8 T-cells and eosinophils. Binds to CCR3 and CCR10 and induces calcium mobilization in a dose-dependent manner. Belongs to the intercrine beta (chemokine CC) family. Protein type: Secreted, signal peptide; Secreted; Chemokine; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 5p12 Cellular Component: extracellular space; extracellular region Molecular Function: chemokine activity Biological Process: elevation of cytosolic calcium ion concentration; immune response; positive regulation of cell-matrix adhesion; chemotaxis; response to nutrient
Research Articles on CCL28	**1.** CCL28 is a potent growth-promoting factor with the ability to support the in vitro and in vivo functional properties of cultured human hematopoietic cells.
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