

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCL28 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human CCL1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, recombinant mouse CCL1, 2, 3, 4, 5, 6, 7, 9, 11, 19, 2
Source	Monoclonal Mouse IgG ₁ Clone # 62705
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human CCL28 Ile23-Tyr127 Accession # Q9NRJ3
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

Neutralization	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Human CCL28 (CC chemokine ligand 28) is a 127 amino acid (aa) precursor protein with a putative 22 aa signal peptide that is cleaved to produce the 105 aa residue mature protein. Mature human and mouse CCL28 share 83% aa sequence identity. Among CC chemokines, CCL28 shares the most homology with CCL27/CTACK. The mouse CCL28 gene has been mapped to the distal region of chromosome 13. Human and mouse CCL28 RNA expression is highest in epithelial cells of normal and pathologic colon. Human CCL28 RNA is also present in normal and asthmatic lung tissues. CCR10 (GPR2 orphan receptor) is the receptor for both CCL27/CTACK and CCL28.

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