Mouse CCL28 Alexa Fluor® 532-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 134315

Catalog Number: FAB5331X

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CCL28 in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant human CCL28 or recombinant mouse CCL27 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 134315
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant mouse CCL28 Ile23-Arg130 Accession # Q9JIL2
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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.*

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	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

Mouse CCL28 (CC chemokine ligand 28) is a novel CC chemokine cloned from a Rag-1 mouse kidney cDNA library. Mouse CCL28 cDNA encodes a 130 amino acid (aa) precursor protein with a 22 aa signal peptide and a 108 aa mature protein. Mature human and mouse CCL28 share 83% aa identity. Among CC chemokines, CCL28 shares the most homology with CCL27/CTACK. Mouse CCL28 is produced by epithelial cells. Based on Northern blot analysis, it is mainly expressed in testes, kidney and brain. The receptor for CCL28 has been identified as the CCR10, which is also the receptor for CCL27/CTACK.

PRODUCT SPECIFIC NOTICES

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