

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat CCL19/MIP-3β in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 866202
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant rat CCL19/MIP-3β Gly26-Ser108 Accession # NP_001102131
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.

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

CCL19 (also known as Mip-3β, ELC, CKβ-11, Scya19 and Exodus-3) is a 9 kDa secreted member of the CC family of chemotactic cytokines (1-4). Cells known to express CCL19 are limited in number, and include activated monocytes (5), stromal cells in nodal T zones (6), CD8⁺ dendritic cells (DC) (6), vascular endothelial cells (7), visceral smooth muscle and mast cells (8), and thymic stromal cells (9). Rat CCL19 is synthesized as a precursor that is 1108 amino acids (aa) in length. Mature rat CCL19 shares 72% and 89% aa sequence identity with human and mouse CCL19, respectively. CCL19 is known to bind to CCR7 (3, 4), CCLR2/CRAM (L-CCR in rodent) (10, 11) and CCX-CKR (12), with the last two receptors representing scavenger, or chemokine-sink receptors.

PRODUCT SPECIFIC NOTICES

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