

DESCRIPTION

Species Reactivity	Cotton Rat
Specificity	Detects cotton rat CCL2/JE/MCP-1 in direct ELISAs and Western blots. In direct ELISAs, approximately 25% cross-reactivity with recombinant mouse CCL2 is observed and no cross-reactivity with recombinant human CCL1, 2, 3, 5, 7, 8, 11, 13, 14, 15, 17, 18, 1
Source	Monoclonal Mouse IgG ₁ Clone # 238607
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant cotton rat CCL2/JE/MCP-1 Gln25-Asn150 Accession # AAN85636
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.

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

CCL2, also known as JE or MCP-1 (monocyte chemoattractant protein-1), is a CC chemokine produced by fibroblasts, macrophages, astrocytes, mast cells, endothelial cells and osteoblasts. It functions as a chemoattractant through ligations with CCR2 on monocytes, macrophages and lymphocytes.

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