

#### DESCRIPTION

|                           |                                                                                                                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Cotton Rat                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>        | 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             |
| <b>Source</b>             | Monoclonal Mouse IgG <sub>1</sub> Clone # 238607                                                                                                                                                                                                                            |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                  |
| <b>Immunogen</b>          | <i>E. coli</i> -derived recombinant cotton rat CCL2/JE/MCP-1<br>Gln25-Asn150<br>Accession # AAN85636                                                                                                                                                                        |
| <b>Conjugate</b>          | Alexa Fluor 532<br>Excitation Wavelength: 534 nm<br>Emission Wavelength: 553 nm                                                                                                                                                                                             |
| <b>Formulation</b>        | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.

#### PRODUCT SPECIFIC NOTICES

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