Cotton Rat CCL2/JE/MCP-1 Antibody

Monoclonal Mouse IgG_1 Clone # 238607

Catalog Number: MAB2137

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, 19, 20, 21, 22, 23, 24, 25, 26, recombinant mouse CCL1, 3, 4, 5, 6, 7, 9, 11, 12, 17, 19, 20, 21, 22, 24, 25, or recombinant rat CCL20 is observed.
Source	Monoclonal Mouse IgG_1 Clone # 238607
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant cotton rat CCL2/JE/MCP-1 Gln25-Asn150 Accession # AAN85636
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μm filtered solution in PBS.

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.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Cotton Rat CCL2/JE/MCP-1

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.