

DESCRIPTION

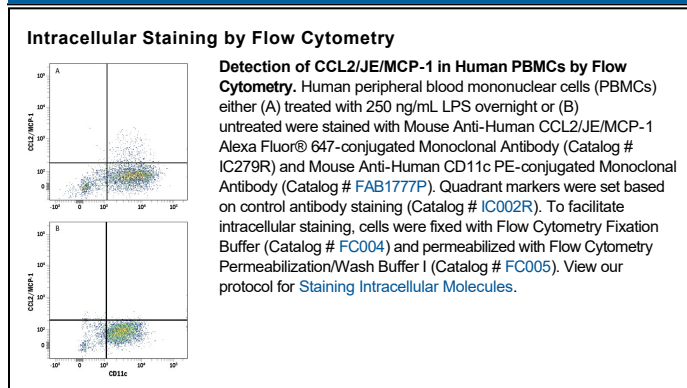
Species Reactivity	Human
Specificity	Detects human CCL2/JE/MCP-1 in Western blots. Does not cross-react with recombinant human CCL1, 3, 4, 5, 7, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, recombinant mouse CCL1, 2, 3, 4, 5, 6, 7, 9,10, MIP-1 γ , 11, 12, 17, 19, 20, 22, 24, 25, or recombinant rat CCL20.
Source	Monoclonal Mouse IgG ₁ Clone # 24822
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human CCL2/JE/MCP-1 Accession # P13500
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	5 μ L/10 ⁶ cells	See Below

DATA



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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CCL2 is a β -chemokine that is also known as Monocyte Chemotactic Protein 1 (MCP-1). It is produced by a variety of cell types and is chemotactic for monocytes and basophils. MCP-1 exists in equilibrium as either a monomer or homodimer, and forms a heterodimer with multiple chemokines. Human and mouse CCL2 share 58% amino acid sequence identity.

PRODUCT SPECIFIC NOTICES

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