

Product datasheet for **DM2044**

CCL3 Mouse Monoclonal Antibody [Clone ID: 116]

Product data:

Product Type:	Primary Antibodies
Clone Name:	116
Applications:	ELISA
Recommended Dilution:	ELISA. Successful use in Western blot was reported by some researchers. As this detection method has not been verified by Acris Antibodies, the application was deleted from the database. This does not necessarily exclude the use in such procedure.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified recombinant human MIP-1 α
Specificity:	This antibody reacts with recombinant MIP-1 α . Does not show any cross reaction with other human cytokines or growth factors tested such as M-CSF, GM-CSF, IL-7, IL-8, IL-16, IL-1 β , bFGF, TGF- β , EGF, TNF- α and EPO.
Formulation:	0.01M PBS, pH 7.2 State: Purified State: Lyophilized purified IgG
Reconstitution Method:	Restore with double distilled water to adjust the final concentration to 1.0 mg/ml.
Purification:	Protein G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine ligand 3
Database Link:	Entrez Gene 6348 Human P10147



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Background:

Macrophage Inflammatory Protein 1 alpha (MIP1 alpha) and MIP1 beta, two closely related but distinct proteins, were originally co-purified from medium conditioned by a LPS-stimulated murine macrophage cell line. Mature mouse MIP1 alpha shares approximately 77% and 70% amino acid identity with human MIP1 alpha and mouse MIP1 beta, respectively. MIP1 proteins are expressed primarily in T cells, B cells, and monocytes after antigen or mitogen stimulation. Has adhesive effects on lymphocytes. MIP1 alpha can inhibit the proliferation of hematopoietic stem cells in vitro as well as in vivo. A signal transducing receptor, designated the C-C chemokine receptor-1 (C-C CKR-1) with seven transmembrane domains that bind MIP1 alpha, MIP1 beta, MCP1 and RANTES with varying affinities, has been isolated.

Synonyms:

CCL-3, MIP-1-alpha, C-C motif chemokine 3, MIP1A, Small-inducible cytokine A3, SCYA3, LD78 alpha, G0S19-1 protein