



Anti-CCL2 monoclonal antibody, clone AB9858 (CABT-35123MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal antibody to Human CCL2.
Antigen Description	This gene encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by this gene can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in this gene have been found in somatic sebaceous tumors. This gene has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants.
Immunogen	Recombinant hMCAF/MCP-1 (human Macrophage/Monocyte chemotactic protein-1)
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	AB9858
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, IHC-P, sELISA
Format	Liquid
Concentration	1.000 mg/ml

Size	500 µg
Buffer	Phosphate buffered saline
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	CCL2 chemokine (C-C motif) ligand 2 [Homo sapiens]
Official Symbol	CCL2
Synonyms	CCL2; chemokine (C-C motif) ligand 2; SCYA2,small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig je); C-C motif chemokine 2; GDCF 2; HC11; MCAF; MCP 1; MCP1; MGC9434; monocyte chemoattractant protein 1; monocyte chemotactic and activating factor; monocyte chemotactic protein 1; homologous to mouse Sig je; monocyte secretory protein JE; small inducible cytokine subfamil; HSMCR30; C-C motif chemokine 2; CCL 2; CCL2; CCL2_HUMAN; Chemokine (C C motif) ligand 2; Chemokine C C motif ligand 2; Chemokine CC Motif Ligand 2; GDCF 2; GDCF 2 HC11; GDCF2; HC11; JE; MCAF; MCP 1; MCP-1; MGC9434; Monocyte chemoattractant protein 1; Monocyte chemotactic and activating factor; Monocyte chemotactic protein 1; Monocyte secretory protein JE; SCYA2; Small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig je); Small inducible cytokine A2; Small inducible cytokine subfamily A (Cys Cys), member 2; Small inducible cytokine subfamily A Cys Cys member 2; Small-inducible cytokine A2; SMC CF; SMCCF; OTTHUMP00000163799; small-inducible cytokine A2; monocyte chemoattractant protein-1; small induci; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30;
Entrez Gene ID	6347
Protein Refseq	NP_002973
UniProt ID	P13500
Chromosome Location	17q11.2-q21.1
Pathway	Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	CCR2 chemokine receptor binding; CCR2 chemokine receptor binding; G-protein coupled

receptor binding; chemokine activity; heparin binding; protein kinase activity; receptor binding;
signal transducer activity;
