



# Anti-CCL2 monoclonal antibody, clone FDF.3 (CABT-35127RM)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rat monoclonal antibody to Mouse CCL2.
<b>Antigen Description</b>	This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secreted and plays a role in left-right asymmetry determination of organ systems during development. The protein may also play a role in endometrial bleeding. Mutations in this gene have been associated with left-right axis malformations, particularly in the heart and lungs. Some types of infertility have been associated with dysregulated expression of this gene in the endometrium. Alternative processing of this protein can yield three different products. This gene is closely linked to both a related family member and a related pseudogene. Alternate splicing of this gene results in multiple transcript variants.
<b>Specificity</b>	The antibody reacts with murine JE / MCP-1.
<b>Immunogen</b>	Synthetic peptide: LFKTASALRSSAPLNVLTRKSEANASTT, corresponding to C terminal amino acids 102-130 of Mouse MCP1
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	FDF.3
<b>Purification</b>	IgG fraction
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid

<b>Concentration</b>	0.100 mg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	Preservative: 0.02% Sodium AzideConstituents: 0.1% BSA, PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at +4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ccl2 chemokine (C-C motif) ligand 2 [ Mus musculus ]</a>
<b>Official Symbol</b>	CCL2
<b>Synonyms</b>	CCL2; chemokine (C-C motif) ligand 2; C-C motif chemokine 2; 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; OTTMUSP00000000786; small inducible cytokine A2; small-inducible cytokine A2; monocyte chemotactic protein 1; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; platelet-derived growth factor-inducible protein JE; JE; HC11; MCAF; MCP1; MCP-1; Scya2; Sigje; SMC-CF; AI323594;
<b>Entrez Gene ID</b>	<a href="#">20296</a>
<b>Protein Refseq</b>	<a href="#">NP_035463</a>
<b>UniProt ID</b>	<a href="#">P10148</a>
<b>Pathway</b>	Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem;
<b>Function</b>	CCR2 chemokine receptor binding; CCR2 chemokine receptor binding; G-protein coupled receptor binding; chemokine activity; cytokine activity; heparin binding; protein binding;