



# Anti-CCL7 monoclonal antibody, clone 47430 (DCABY-3960)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Human MCP-3 and mouse MARC are members of the CC subfamily of chemokines and are monocyte chemoattractants. Sequence comparisons suggest that MARC may be the mouse homolog of the human MCP-3 gene. Except for one amino acid substitution, mouse MARC is identical to mouse FIC, the product of a growth factor-activated gene.
<b>Specificity</b>	Detects human CCL7/MCP-3/MARC in ELISAs and Western blots. In ELISAs, this antibody does not cross-react with recombinant human (rh) CCL2/MCP-1, rhCCL8/MCP-2, or rhCCL13/MCP-4.
<b>Immunogen</b>	E. coli-derived recombinant human CCL7/MCP-3/MARC. Gln24-109 Accession Number P80098
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	47430
<b>Purification</b>	Protein A or G purified from ascites
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, ELISA Capture (Matched Pair), Intracellular Staining by Flow Cytometry, Neutralization
<b>Format</b>	Liquid
<b>Size</b>	500 µg

<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None
<b>Storage</b>	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 from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CCL7 chemokine (C-C motif) ligand 7 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CCL7
<b>Synonyms</b>	CCL7; chemokine (C-C motif) ligand 7; FIC; MARC; MCP3; NC28; MCP-3; SCYA6; SCYA7; C-C motif chemokine 7; small-inducible cytokine A7; monocyte chemotactic protein 3; monocyte chemoattractant protein 3; small inducible cytokine A7 (monocyte chemotactic pro
<b>Entrez Gene ID</b>	<a href="#">6354</a>
<b>Protein Refseq</b>	<a href="#">NP_006264</a>
<b>UniProt ID</b>	<a href="#">P80098</a>
<b>Chromosome Location</b>	17q11.2-q12
<b>Pathway</b>	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR;
<b>Function</b>	CCR1 chemokine receptor binding; CCR2 chemokine receptor binding; chemokine activity; heparin binding;