



# Anti-CCL16 monoclonal antibody, clone 80329 (DCABY-4091)

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

## PRODUCT INFORMATION

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| <b>Antigen Description</b> | Human HCC-4, also named NCC-4, liver-expressed chemokine (LEC), and lymphocyte and monocyte chemoattractant (LMC), is a novel CC chemokine identified through bioinformatics. HCC-4 is distantly related to other CC chemokines, exhibiting less than 30% sequence identity. Among these CC chemokines, HCC-4 has the most similarity to HCC-1. |
| <b>Specificity</b>         | Detectshuman CCL16/HCC-4in direct ELISAs and Western blots.                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>           | E. coli-derived recombinant human CCL16/HCC-4. Gln24-Gln120 Accession Number O15467                                                                                                                                                                                                                                                             |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                                                                                                                                                                            |
| <b>Source/Host</b>         | Mouse                                                                                                                                                                                                                                                                                                                                           |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                           |
| <b>Clone</b>               | 80329                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>        | Protein A or G purified from ascites                                                                                                                                                                                                                                                                                                            |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>        | Western Blot, Immunohistochemistry, 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 phosphate-buffered saline (PBS) with 5% trehalose.                                                                                                                                                                                                                                               |

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| <b>Preservative</b> | None                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>      | Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 to 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

## GENE INFORMATION

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| <b>Gene Name</b>           | <a href="#">CCL16 chemokine (C-C motif) ligand 16 [ Homo sapiens (human) ]</a>                                                                                                                                                                                  |
| <b>Official Symbol</b>     | CCL16                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>            | CCL16; chemokine (C-C motif) ligand 16; LEC; LMC; NCC4; CKb12; HCC-4; LCC-1; Mtn-1; NCC-4; SCYL4; ILINCK; SCYA16; C-C motif chemokine 16; monotactin-1; chemokine LEC; chemokine CC-4; new CC chemokine 4; liver CC chemokine-1; IL-10-inducible chemokine; liv |
| <b>Entrez Gene ID</b>      | <a href="#">6360</a>                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | <a href="#">NP_004581</a>                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>          | <a href="#">O15467</a>                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 17q11.2                                                                                                                                                                                                                                                         |
| <b>Pathway</b>             | Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; Peptide ligand-binding receptors |
| <b>Function</b>            | chemoattractant activity; chemokine activity;                                                                                                                                                                                                                   |