

## CXCR2

### Mouse Anti-Human CXCR2 (Clone 48311.211) mAb

|                                 |   |                  |        |
|---------------------------------|---|------------------|--------|
| <b>Catalog No.</b>              | CMH049  | <b>Quantity:</b> | 100 µg |
| <b>Alternate Names:</b>         | CD182, CDw128b, CMKAR2, IL8R2, IL8RA, IL8RB, C-X-C chemokine receptor type 2  |                  |        |
| <b>Description:</b>             | The mouse monoclonal antibody recognizes human CXCR2, a member of the G-protein-coupled receptor family. CXCR2 is a receptor for interleukin 8 (IL-8). It binds to IL-8 with high affinity, and transduces the signal through a G-protein activated second messenger system. CXCR2 also binds to CXCL1/MGSA and has been shown to be a major component required for serum-dependent melanoma cell growth. CXCR2 mediates neutrophil migration to sites of inflammation. The angiogenic effects of IL-8 in intestinal microvascular endothelial cells are found to be mediated by this receptor. |                  |        |
| <b>Gene ID:</b>                 | 3579  |                  |        |
| <b>Concentration</b>            | 0.5 mg/ml   |                  |        |
| <b>Conjugate:</b>               | Unconjugated  |                  |        |
| <b>Specificity:</b>             | Human CXCR2   |                  |        |
| <b>Host:</b>                    | Mouse   |                  |        |
| <b>Isotype:</b>                 | IgG2a   |                  |        |
| <b>Immunogen:</b>               | Human CXCR2 transfected NSO mouse myeloma cells   |                  |        |
| <b>Clone:</b>                   | 48311.211   |                  |        |
| <b>Formulation:</b>             | Liquid in PBS, pH 7.6 +15 mg/ml BSA + 0.01% thimerosal + 0.05% sodium azide.<br>Precaution: Sodium azide and thimerosal are poisonous and hazardous substances which should be handled by trained staff only.   |                  |        |
| <b>Purification:</b>            | Protein G chromatography  |                  |        |
| <b>Applications:</b>            | Flow Cytometry, Functional Studies  |                  |        |
| <b>Application Notes:</b>       | FC: use 10 µg per 10 <sup>5</sup> cells.<br>FS: Inhibition assays - recommended concentration 0.5 - 1.5 µg/ml.<br>The optimal concentration should be determined by the user for each specific application.   |                  |        |
| <b>Storage &amp; Stability:</b> | Store at 2-8°C for short term, or long term in working aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>   |                  |        |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

