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# CXCR2 (Phospho-Ser347) Antibody

**货号: AYP4184**

## 产品信息

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|---|---|
| 反应 | Human,Mouse |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IHC IF/ICC ELISA |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200<br>**IF/ICC:** 1:50 - 1:200 |
| 理论分子量 | 40kDa |
| 实测分子量 | |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | THP-1,Mouse lung,Mouse brain,Mouse spleen,Rat lung,Rat brain,Rat spleen |
| 细胞定位 | Cell membrane,Multi-pass membrane protein |
| 纯化 | Affinity purification |

## 抗原信息

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|---|---|
| 抗原信息 | Synthesized peptide derived from Human CXCR2 (Phospho-Ser347). |

## 靶点信息

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| 研究背景 | The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCL1/MGSA), a protein with melanoma growth stimulating activity, and has been shown to be a major component required for serum-dependent melanoma cell growth. This receptor mediates neutrophil migration to sites of inflammation. The angiogenic effects of IL8 in intestinal microvascular endothelial cells are found to be mediated by this receptor. Knockout studies in mice suggested that this receptor controls the positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration. This gene, IL8RA, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. Alternatively spliced variants, encoding the same protein, have been identified. |
| 基因ID | 3579 |
| 基因名 | CXCR2 |
| Swiss | P25025 (https://www.uniprot.org/uniprotkb/P25025/entry) |
| 别名 | CXCR2,CD182,CDw128b,CMKAR2,IL8R2,IL8RA,IL8RB,CXCR2 (Phospho-Ser347) Antibody,GRO/MGSA receptor,High affinity interleukin-8 receptor B,IL-8 receptor type 2,CXCR2 (Phospho-Ser347) |

**产品验证**

**实验步骤**

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