



产品详情

## IL-8R $\beta$ (phospho Ser347) Rabbit Polyclonal Antibody

产品货号	产品名称	储存条件	保质期
IM30006	IL-8R $\beta$ (phospho Ser347) Rabbit Polyclonal Antibody	-20℃	1 年

### Product information

别名	CXCR2; IL8RB; C-X-C chemokine receptor type 2; CXC-R2; CXCR-2; CDw128 b;GRO/MGSAreceptor; High affinity interleukin-8 receptor B; IL-8R B; I L-8receptor type 2; CD antigen CD182
产品名称	IL-8R $\beta$ (phospho Ser347) Rabbit Polyclonal Antibody
类别	抗原抗体
基因名称	CXCR2
蛋白名称	C-X-C chemokine receptor type 2
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, ELISA
反应种属	Human, Mouse
浓度	1mg/ml
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% Newtyn pepreservative N.
免疫原	The antiserum was produced against synthesized peptide derived from human IL-8R beta/CDw128beta around the phosphorylation site of Ser347. AA range: 311-360
特异性	Phospho-IL-8R $\beta$ (S347) Polyclonal Antibody detects endogenous levels of IL-8R $\beta$ protein only when phosphorylated at S347.

稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:10000. Not yet tested in other applications.
预测分子量	48kDa
运输及保存条件	-20° C/1 year
宿主	Rabbit
同种型	Rabbit, IgG
背景介绍	C-X-C motif chemokine receptor 2 (CXCR2) Homo sapiens 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
组织表达	Brain, Placenta,
细胞定位	Cell membrane; Multi-pass membrane protein.
信号通路	Cytokine-cytokine receptor interaction; Chemokine; Endocytosis; Epithelial cell signaling in Helicobacter pylori infection; function: Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium

	second messenger system. Binds to IL-8 with high affinity.
功能	Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.,online information:CXCchemokine receptors entry,PTM:Phosphorylated upon lig and binding; which is required for desensitization.,similarity:Belongs to the G-protein coupled receptor 1 family.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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