

IL-8R β rabbit pAb

Cat No.:ES4127

For research use only

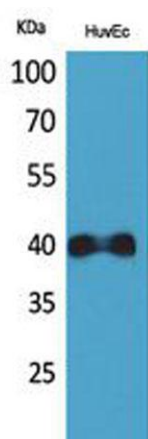
Overview

Product Name	IL-8R β rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CXCR2. AA range:1-50
Specificity	IL-8R β Polyclonal Antibody detects endogenous levels of IL-8R β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	C-X-C chemokine receptor type 2
Gene Name	CXCR2
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	3579
Human Swiss-Prot Number	P25025
Alternative Names	CXCR2; IL8RB; C-X-C chemokine receptor type 2; CXC-R2; CXCR-2; CDw128b; GRO/MGSA receptor; High affinity interleukin-8 receptor B; IL-8R B; IL-8 receptor type 2; CD182
Background	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

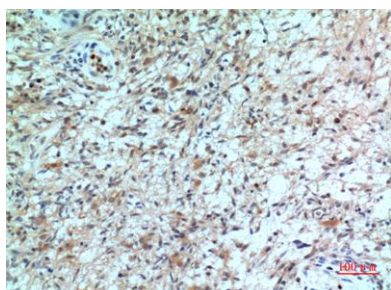




binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCL1/MGSA), a protein with melanoma growth stimulating activity, and has been shown to be a major component required for serum-dependent 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



Western Blot analysis of HuvEc cells using IL-8R β
Polyclonal Antibody. Secondary
antibody(catalog#:RS0002) was diluted at 1:20000



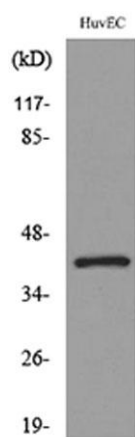
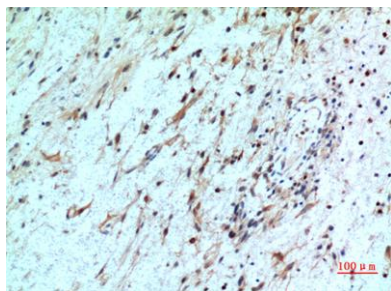
Immunohistochemical analysis of paraffin-embedded
human-brain, antibody was diluted at 1:100





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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Western blot analysis of lysate from HUVEC cells, using CXCR2 Antibody.



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