

IL-8Rβ/CDw128β(Ab-347)polyclonal antibody

Catalog: BS65111

Host: Rabbit

Reactivity: Human, Mouse

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

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 48 kDa

Swiss-Prot:

P25025

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

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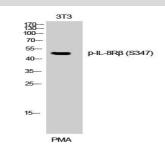
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	MN 55416,USA.
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term. Avoid freeze-thaw cycles.

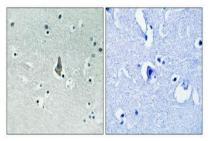
Specificity:

Phospho-IL-8R β (S347) Polyclonal Antibody detects endogenous levels of IL-8R β protein only when phosphorylated at S347.

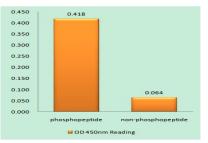
DATA:



Western Blot analysis of 3T3 cells using Phospho-IL-8R β (S347) Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4 °overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



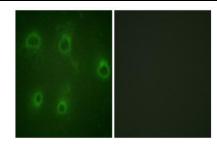
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IL-8R beta/CDw128 beta (Phospho-Ser347) Antibody

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PRODUCT DATA SHEET

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Immunofluorescence analysis of COS7 cells, using IL-8R beta/CDw128 beta (Phospho-Ser347) Antibody. The picture on the right is blocked with the phospho peptide.

Note:

For research use only, not for use in diagnostic procedure.

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