

**IL-8R $\beta$  (phospho Ser347) Polyclonal Antibody**  
**Catalog # AP67868****Specification**

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**IL-8R $\beta$  (phospho Ser347) Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">P25025</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**IL-8R $\beta$  (phospho Ser347) Polyclonal Antibody - Additional Information****Gene ID** 3579**Other 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; CD antigen CD182

**Dilution**WB~~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.  
IHC-P~~N/A  
IF~~1:50~200**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**IL-8R $\beta$  (phospho Ser347) Polyclonal Antibody - Protein Information****Name** CXCR2**Synonyms** IL8RB**Function**

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed:<a href="http://www.uniprot.org/citations/1891716" target="\_blank">1891716</a>). 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 (PubMed:<a href="http://www.uniprot.org/citations/8662698" target="\_blank">8662698</a>). Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

**Cellular Location**

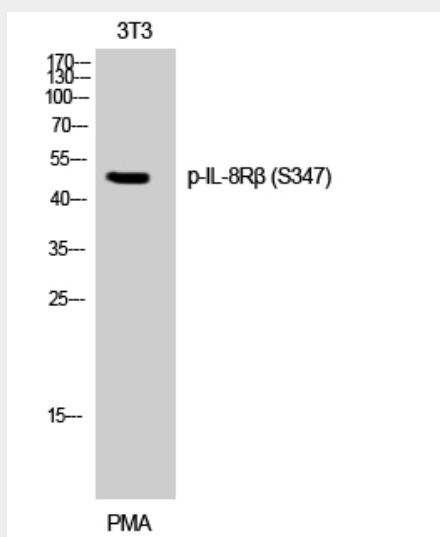
Cell membrane; Multi-pass membrane protein.

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

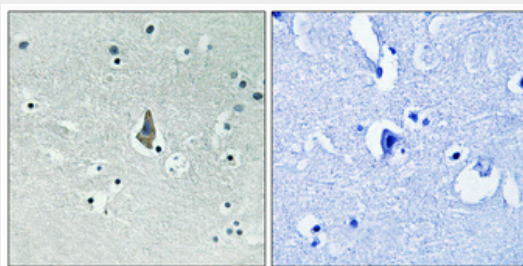
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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



Western Blot analysis of 3T3 cells using Phospho-IL-8R $\beta$  (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. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

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

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. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.