

**IL-8R $\beta$  Polyclonal Antibody**  
**Catalog # AP73580****Specification**

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**IL-8R $\beta$  Polyclonal Antibody - Product Information**

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

**IL-8R $\beta$  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; CD182

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

**Format**

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

**Storage Conditions**

-20°C

**IL-8R $\beta$  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**

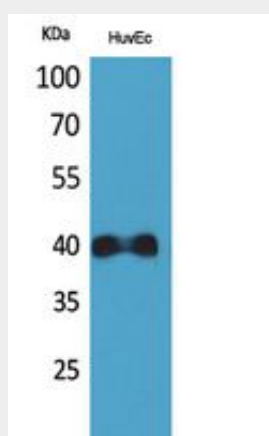
Cell membrane; Multi-pass membrane protein.

## IL-8R $\beta$ Polyclonal Antibody - Protocols

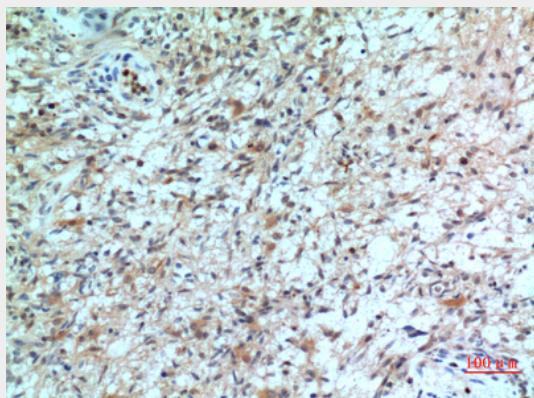
Provided below are standard protocols that you may find useful for product applications.

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

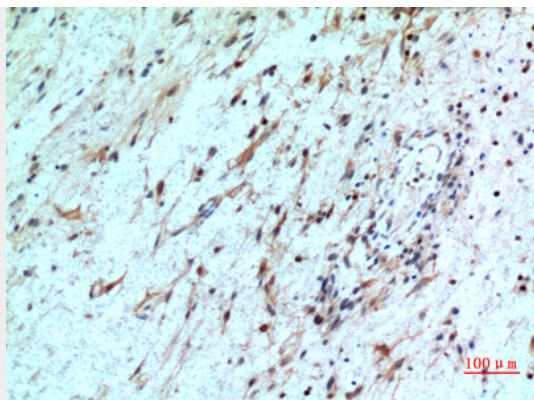
## IL-8R $\beta$ Polyclonal Antibody - Images



Western Blot analysis of HuvEc cells using IL-8R $\beta$  Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



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



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

#### **IL-8R $\beta$ 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.