

## Rabbit Anti-Mouse Interleukin 8 Receptor Beta (IL8Rb) Polyclonal Antibody

**Cat. No.:** VD3N108

**Product Type:** Animal-targeted Antibodies

**Size:** 100 µL; 200 µL; 1 mL

### Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse interleukin 8 receptor beta. It is purified by Protein A Purified. It can be applied to WB, IHC, ICC and IP assays of mouse interleukin 8 receptor beta.

### Specifications

|                             |                                                            |
|-----------------------------|------------------------------------------------------------|
| Application                 | WB; IHC; ICC; IP                                           |
| Clonality                   | Polyclonal                                                 |
| Classification              | Primary Antibody                                           |
| Clone                       | Y1N606                                                     |
| Host                        | Rabbit                                                     |
| Target Species              | Mouse                                                      |
| Species Reactivity          | Mouse                                                      |
| Specificity                 | Mouse Interleukin 8 Receptor Beta                          |
| Isotype                     | IgG                                                        |
| Immunogen                   | mouse interleukin 8 receptor beta                          |
| Purification                | Protein A Purified                                         |
| Concentration               | 0.5 mg/mL                                                  |
| Conjugation                 | Unconjugated                                               |
| Preservative and Stabilizer | 0.05% Proclin 300                                          |
| Buffer                      | 0.01M Phosphate Buffered Saline, pH 7.4, with 50% glycerol |
| Physical State              | Liquid                                                     |

### Target Information

Mouse Interleukin-8 Receptor Beta (IL-8RB), also known as CXCR2, is a G protein-coupled receptor that binds chemokines like CXCL1 and CXCL2. It mediates neutrophil chemotaxis, degranulation, and respiratory burst, playing a crucial role in the innate immune system.

ne response to infection and inflammation. IL-8RB is expressed on neutrophils, monocytes, and endothelial cells, where it regulates leukocyte migration and activation. As a key regulator of neutrophil function, IL-8RB is an important target for studying immune cell trafficking and potential therapeutic applications in inflammatory diseases.

|                |                                                                                                                                                  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Target         | Mouse Interleukin 8 Receptor Beta                                                                                                                |
| Target Synonym | CD182; CDw128b; IL8R-B; IL8-RB; CMKAR2; CXCR2; IL8R2; C-X-C chemokine receptor type 2; GRO/MGSA receptor; High affinity interleukin-8 receptor B |
| Gene ID        | <a href="#">12765</a>                                                                                                                            |
| UniProt ID     | <a href="#">P35343</a>                                                                                                                           |

## Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.