

## Recombinant Fractalkine/CX3CL1 Monoclonal Antibody

**catalog number: AN300199P**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

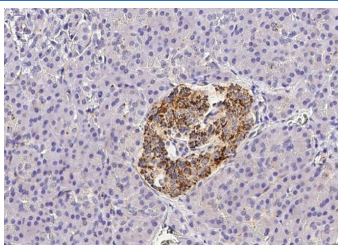
### Description

|                     |                                                |
|---------------------|------------------------------------------------|
| <b>Reactivity</b>   | Human                                          |
| <b>Immunogen</b>    | Recombinant Human Fractalkine / CX3CL1 protein |
| <b>Host</b>         | Rabbit                                         |
| <b>Isotype</b>      | IgG                                            |
| <b>Clone</b>        | B117                                           |
| <b>Purification</b> | Protein A                                      |
| <b>Buffer</b>       | 0.2 µm filtered solution in PBS                |

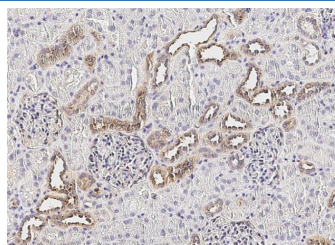
### Applications Recommended Dilution

|              |            |
|--------------|------------|
| <b>IHC-P</b> | 1:50-1:200 |
|--------------|------------|

### Data



Immunohistochemistry of paraffin-embedded human pancreas using Fractalkine / CX3CL1 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human kidney using Fractalkine / CX3CL1 Monoclonal Antibody at dilution of 1:100.

### Preparation & Storage

|                 |                                                                                                                                                                                                                                                    |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| <b>Shipping</b> | Ice bag                                                                                                                                                                                                                                            |

### Background

This gene belongs to the CX3C subgroup of chemokines, characterized by the number of amino acids located between the conserved cysteine residues. This is the only member of the CX3C subgroup, which contains three amino acids between cysteine residues, resulting in a Cys-X-X-X-Cys configuration. The encoded protein contains an extended mucin-like stalk with a chemokine domain on top, and exists in both a membrane-anchored form where it acts as a binding molecule, or, in soluble form, as a chemotactic cytokine. The mature form of this protein can be cleaved at the cell surface, yielding different soluble forms that can interact with the G-protein coupled receptor, C-X3-C motif chemokine receptor 1 gene product. This gene plays a role in a wide range of diseases, including cancer, vasculitis, neuropathies, atherosclerosis, inflammatory diseases, and in human immunodeficiency virus infections.

### For Research Use Only

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Rev. V1.2