

## Anti-CXCL10 Antibody (9N671)

## Product Details

|               |              |
|---------------|--------------|
| Ig Type:      | Mouse IgG1   |
| Reactivity:   | Human        |
| Conjugation:  | Unconjugated |
| Clone:        | 9N671        |
| Purification: | Protein A    |

## Applications

|              |  |
|--------------|--|
| Application: | ELISA,ELISA(Det)                                 |
| Recommended  | ELISA: 1:1000-1:2000; ELISA(Det): 1:5000-1:50000 |

## Properties

|                      |  |
|----------------------|--|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. |
| Shipping:            | Shipping with blue ice.  |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | Recombinant Protein: Human IP-10 / CXCL10 Protein (TMPY-02970) |
| Antigen Species: | Human  |
| Synonyms:        | chemokine (C-X-C motif) ligand 10;IP-10;Scyb10                 |
| Biology Area:    | Neuroinflammation  |

## Research Background

(C-X-C motif) ligand (CXCL)10 (CXCL10) belongs to the ELR(-) CXC subfamily chemokine. CXCL10/IP-10 exerts its function through binding to chemokine (C-X-C motif) receptor 3 (CXCR3), a seven trans-membrane receptor coupled to G proteins. CXCL10/IP-10 and its receptor, CXCR3, appear to contribute to the pathogenesis of many autoimmune diseases, organ specific (such as type 1 diabetes, autoimmune thyroiditis, Graves' disease and ophthalmopathy), or systemic (such as rheumatoid arthritis, psoriatic arthritis, systemic lupus erythematosus, mixed cryoglobulinemia, Sjögren syndrome, or systemic sclerosis). CXCL10/IP-10 is secreted by several cell types including endothelial cells, fibroblasts, keratinocytes, thyrocytes, preadipocytes, etc. Determination of high level of CXCL10/IP-10 in peripheral fluids is therefore a marker of host immune response. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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