

## Anti-IL-1F8 Antibody (8T581)

## Product Details

|               |              |
|---------------|--------------|
| Ig Type:      | Rabbit IgG   |
| Reactivity:   | Mouse        |
| Conjugation:  | Unconjugated |
| Clone:        | 8T581        |
| Purification: | Protein A    |

## Applications

|              |                       |
|--------------|-----------------------|
| Application: | ELISA                 |
| Recommended  | ELISA: 1:5000-1:10000 |

## 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: Mouse IL36B / IL1F8 protein (TMPY-02583)  |
| Antigen Species: | Mouse  |
| Synonyms:        | interleukin 36, beta;IL1-ETA;IL1F8;FIL1-(ETA);IL-1F8;FILI-(ETA);interleukin 36, $\beta$ ;IL1H2;IL36B;FIL1H;IL-1H2;FIL1 |

## Research Background

Interleukin-1 family member 8(IL1F8) also known as IL36B, is a member of the interleukin 1(IL-1) cytokine family. IL1F8 may contain a 12-stranded beta-trefoil structure. Until recently, the IL-1 family of cytokines includes four members, with three having pro-inflammatory effects such as IL1F8 and the fourth member being an IL-1 receptor antagonist (IL-1Ra). IL-1 family members exert their effects through binding to receptors that belong to the IL-1 receptor (IL-1R) family. IL1F8 exerts proinflammatory effects in primary human joint cells. Joint and serum IL-1F8 protein levels did not correlate with inflammation, but they were high in some human serum samples tested, including samples from patients with rheumatoid arthritis. IL1F8 also activated NK-kB.

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

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