

## Anti-IL-17 Antibody (5K260)

## Product Details

|               |              |
|---------------|--------------|
| Ig Type:      | Mouse IgG1   |
| Reactivity:   | Human        |
| Conjugation:  | Unconjugated |
| Clone:        | 5K260        |
| Purification: | Protein A    |

## Applications

|              |            |
|--------------|------------|
| Application: | ELISA(Cap) |
|--------------|------------|

## 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 IL17A/IL-17A/IL17 Protein (TMPY-02886) |
| Antigen Species: | Human   |
| Synonyms:        | interleukin 17A   |
| Biology Area:    | Neuroinflammation   |

## Research Background

IL17, also known as IL17a, is a cytokine that belongs to the IL-17 family. Cytokines are proteinaceous signaling compounds that are major mediators of the immune response. They control many different cellular functions including proliferation, differentiation, and cell survival/apoptosis but are also involved in several pathophysiological processes including viral infections and autoimmune diseases. Cytokines are synthesized under various stimuli by a variety of cells of both the innate (monocytes, macrophages, dendritic cells) and adaptive (T- and B-cells) immune systems. The IL-17 family of cytokines includes six members, IL-17/IL-17A, IL-17B, IL-17C, IL-17D, IL-17E/IL-25, and IL-17F, which are produced by multiple cell types. IL-17 regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis, and multiple sclerosis. Cancer ImmunotherapyImmune CheckpointImmunotherapyTargeted Therapy

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

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