

# Human IL17A Monoclonal Antibody

Catalog No.: YR0100

## Basic Information

### Molecular Weight

150 kDa

### Endotoxin

<1EU/mg (<0.001EU/μg) Determined by LAL gel clotting assay

### Sterility

0.2 μm filtration

### Aggregation

<5% Determined by SECP

### Purity

>95% Determined by SDS-PAGE

## Background

What is secukinumab biosimilar research grade? Research grade secukinumab biosimilar uses the same protein sequences as the therapeutic antibody secukinumab. Secukinumab, the humanized anti-IL17A monoclonal antibody, inhibits interleukin 17A, which is a member of the cytokine family, and produced mainly by inflammatory T helper 17 cells. IL17A is upregulated in serum of people with psoriasis and in the synovial fluid of people with psoriatic arthritis, and promotes inflammation when it binds to the interleukin-17 receptor which is expressed in various types of cells, including keratinocytes in skin.

## Reported Applications

ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways

## Immunogen Information

### Clone

Secukinumab Biosimilar

### Isotype

Human IgG1 kappa

### Immunogen

Human IL17A

### Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

### Recommended Dilution Buffer

1×PBS pH 5.8

## Contact

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## Product Information

### Production

Purified from cell culture supernatant in an animal-free facility

### Purification

Protein A or G purification

### Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)