

# Human CD3 Monoclonal Antibody

Catalog No.: YR0022

## Basic Information

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### 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

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Otelixizumab (ChAglyCD3) is an anti-human CD3 monoclonal antibody and can be used for the research of type 1 diabetes.

## Reported Applications

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

## Immunogen Information

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### Clone

Otelixizumab Biosimilar

### Isotype

Human IgG1 kappa

### Immunogen

### Recommended Isotype Control(s)

### Recommended Dilution Buffer

1×PBS pH 7.3

## Contact

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## Product Information

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### Production

Purified from cell culture supernatant in an animal-free facility

### Purification

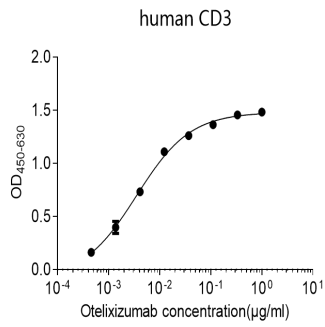
Protein A or G purification

### 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)

## Validation Data

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Human CD3 ELISA Standard Curve. Direct ELISA binding curve demonstrating the recognition of Human Anti-Human CD3 (Research Grade Otelixizumab Biosimilar) Monoclonal Antibody to CD3. The target protein was coated onto the microplate well surface, followed by binding of the antibody. A donkey anti-human IgG HRP conjugate was used for detection.