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Human CD3 Monoclonal Antibody

Catalog No.: YR0010

Basic Information

Molecular Weight
150kDa

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

Teplizumab is a biosimilar directed against the extracellular domain of CD3. This antibody can be used in flow cytometry or various assay format to measure CD3 expression.

Reported Applications

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

Immunogen Information

Clone
Teplizumab Biosimilar

Isotype
Human IgG1 kappa

Immunogen

RecommendedIsotype Control(s)

Recommended Dilution Buffer
1×PBS pH 7.3

Contact

400-999-6126

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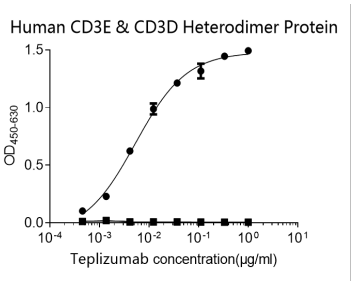
Product Information

Production
Purified from cell culture supernatant in an animal-free facility

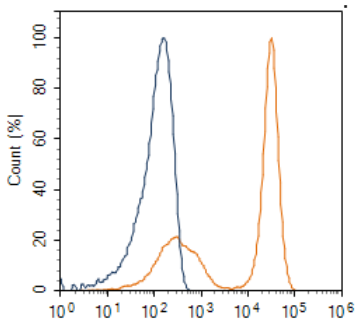
Purification
Protein A/G

Storage
Store at -20℃

Validation Data



Direct ELISA binding curve demonstrating the recognition of Human Anti-Human CD3 (Research Grade Teplizumab 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.



Detection of CD3 in Human PBMCs cell line by Flow Cytometry. Human PBMCs cell line was stained with Biotinylated Human Anti-Human CD3(Teplizumab Biosimilar) Monoclonal Antibody followed by APC conjugated NeutrAvidin Secondary Antibody, or unstained cells (open blue histogram).