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Human CD80 Monoclonal Antibody

Catalog No.: YR0116

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

A humanized IgG1 monoclonal antibody directed against CD80, the natural ligand for the T-cell antigen CD28 which mediates T-cell and B-cell adhesion. Galiximab binds to CD80 expressed on the cell surfaces of follicular lymphomas, resulting in antibody-dependent cell-mediated cytotoxicity (ADCC). CD80 is expressed on activated B-cells and gamma-interferon-stimulated monocytes and is often expressed at low levels on the surfaces of follicular lymphoma cells and other lymphoid malignancies.Galiximab, an IgG(1) anti-CD80 antibody, binds to CD80, a costimulatory molecule involved in T-cell activation. Reduction in lesional, activated T cells induces improvement in psoriatic plaques.

Reported Applications

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

Immunogen Information

Clone
Galiximab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human CD80

RecommendedIsotype Control(s)
In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

Recommended Dilution Buffer
1×PBS pH 6.0

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 -20℃