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Human CD22 Monoclonal Antibody

Catalog No.: YR0113

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

Epratuzumab is a humanized monoclonal antibody derived from the murine IG2a monoclonal antibody, LL2 (EPB-2). This agent may subsequently be well matched for use in oncology and the treatment of inflammatory autoimmune disorders, such as lupus.Epratuzumab is a recombinant, humanized monoclonal antibody directed against CD22, a cell surface glycoprotein present on mature B-cells and on many types of malignant B-cells. It binds with high specificity to normal B-cells and B-cell tumors at the third Ig-like domain of CD22. After binding to CD22, epratuzumab's predominant antitumor activity appears to be mediated through antibody-dependent cellular cytotoxicity (ADCC).

Reported Applications

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

Immunogen Information

Clone
Epratuzumab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human CD22

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

Recommended Dilution Buffer
1×PBS pH 7.4

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℃