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Human CD38 Monoclonal Antibody

Catalog No.: YR0134

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

Isatuximab is a humanized, IgG1-derived monoclonal antibody (mAb) produced from a Chinese hamster ovary (CHO) cell line. Structurally, isatuximab is comprised of two identical immunoglobulin kappa light chains and two identical immunoglobulin gamma heavy chains. It is a cytolytic antibody targeted against CD38, a glycoprotein found on the surface of some immune cells that is highly expressed by malignant plasma cells in multiple myeloma. Along with daratumumab, another anti-CD38 monoclonal antibody, isatuximab constitutes a novel treatment modality for patients with difficult-to-treat multiple myeloma.

Reported Applications

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

Immunogen Information

Clone
Isatuximab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human CD38

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℃