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Human Claudin 18.2 Monoclonal Antibody

Catalog No.: YR0137

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

Zolbetuximab is a humanized monoclonal antibody directed against the human protein Claudin 18.2 (the isoform 2 of Claudin), and potentially used for the treatment of gastrointestinal adenocarcinomas and pancreatic tumors. Zolbetuximab is an Fc-engineered, humanized, monoclonal antibody (IgG1κ isotype). Zolbetuximab biosimilar uses the same protein sequences as the potential therapeutic antibody zolbetuximab .Claudin-18 in humans is a protein encoded by the CLDN18 gene. The CLDN18 protein belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells. Isoform 2 (Claudin 18.2) is abundant in gastric tumors.

Reported Applications

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

Immunogen Information

Clone
Zolbetuximab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human Claudin 18

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℃