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Human VEGF-A Monoclonal Antibody

Catalog No.: YR0135

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

Brolucizumab is a monoclonal antibody indicated to treat neovascular age related macular degeneration. Brolucizumab is a vascular endothelial growth factor (VEGF) inhibitor which targets the major VEGF-A isoforms: VEGF110, VEGF121, and VEGF165. Inhibition of these VEGF-A isoforms reduce proliferation of endothelial cells, vascularization of the tissue, and permeability of the vasculature.

Reported Applications

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

Immunogen Information

Clone
Brolucizumab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human VEGF-A

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℃