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Human IL-12 / IL-23 Monoclonal Antibody

Catalog No.: YR0104

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

What is Ustekinumab Biosimilar research grade? Ustekinumab is a human anti-IL-12 / IL-23 monoclonal antibody being developed for the treatment of a number of T-cell driven autoimmune diseases. It targets and neutralize interleukin-12 and interleukin-23, two proteins associated with inflammation, such as pro-inflammatory interleukins or tumor necrosis factor- alpha. Ustekinumab represents a novel approach to treating psoriasis, Multiple Sclerosis, Crohn's Disease and other autoimmune and inflammatory disorders. Ustekinumab biosimilar uses the same protein sequences as the therapeutic antibody ustekinumab.

Reported Applications

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

Immunogen Information

Clone
Ustekinumab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human IL-12 / IL-23

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℃