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Human IL4R alpha Monoclonal Antibody, Endotoxin 0.05 EU/mg

Catalog No.: YR0149

Basic Information

Molecular Weight
150 kDa

Endotoxin
<0.05EU/mg (<0.00005EU/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 dupilumab biosimilar research grade? Dupilumab is a monoclonal antibody blocking interleukin 4 and interleukin 13, used for allergic diseases such as eczema (atopic dermatitis), asthma and nasal polyps which result in chronic sinusitis. It is also used for the treatment of eosinophilic esophagitis and prurigo nodularis. Dupilumab binds to the alpha subunit of the interleukin-4 receptor (IL-4Ra), making it a receptor antagonist. Through blockade of IL-4Ra, dupilumab modulates signaling of both the interleukin 4 and interleukin 13 pathways. Dupilumab biosimilar uses the same protein sequences as the therapeutic antibody dupilumab.

Reported Applications

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

Immunogen Information

Clone
Dupilumab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human IL4R alpha

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

Recommended Dilution Buffer
1×PBS pH 5.2

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

Production
Purified from cell culture supernatant in an animal-free facility

Purification
Protein A or G purification

Storage
Store at -20℃