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Human NGF Monoclonal Antibody

Catalog No.: YR0169

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 tanezumab biosimilar research grade? Tanezumab is a humanized IgG2-kappa monoclonal antibody against nerve growth factor (NGF) as a treatment for pain via a novel mechanisms different from conventional pain-killer drugs. NGF levels increase in the body as a result of injury, inflammation or in chronic pain states. Tanezumab selectively targets, binds to, and inhibits NGF. Tanezumab acts in the periphery in a different manner than opioids and other analgesics, including nonsteroidal anti-inflammatory drugs (NSAIDs), and in studies to date, tanezumab has not demonstrated a risk of addiction, misuse or dependence. Tanezumab biosimilar uses the same protein sequences as the therapeutic antibody tanezumab.

Reported Applications

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

Immunogen Information

Clone
Tanezumab Biosimilar

Isotype
Human IgG2 kappa

Immunogen
Human NGF

RecommendedIsotype Control(s)
In Vivo Grade Recombinant Human IgG2 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℃