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Human EGFR Monoclonal Antibody, Endotoxin 0.05 EU/mg

Catalog No.: YR0026

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

Cetuximab, a chimeric (mouse/human) anti-EGFR monoclonal antibody, is an EGFR inhibitor used for the treatment of metastatic colorectal cancer and head and neck cancer. Cetuximab binds to EGFR and turns off the uncontrolled growth in cancers with EGFR mutations.Cetuximab can be used for treatment of KRAS wild type colon cancer but has little or no effect in colorectal tumors harboring a KRAS mutation. Before treatment using Erbitux, it is better to do a diagnosis using the real time PCR companion diagnostic test for KRAS, the therascreen KRAS test.

Reported Applications

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

Immunogen Information

Clone
Cetuximab Biosimilar

Isotype
Human IgG1 kappa

Immunogen
Human EGFR

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

Recommended Dilution Buffer
1×PBS pH 7.2

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℃