

YR0024

Leader in Biomolecular Solutions for Life Science



Human VEGF Monoclonal Antibody, L234A L235A P329G (LALAPG) Fc Silent Mutant

Catalog No.: YR0024

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

Bevacizumab, the humanized anti-VEGF-A monoclonal antibody, produces angiogenesis inhibition and slows the growth of new blood vessels. As the first clinically available angiogenesis inhibitor in the United States, Bevacizumab is used for treatment of certain metastatic cancers, certain lung cancers, renal cancers, ovarian cancers, breast cancers, and glioblastoma multiforme of the brain. Vascular endothelial growth factor A (VEGF-A) stimulates angiogenesis in a variety of cancers, including colorectal, lung, breast, glioblastoma, kidney, and ovarian cancers.

Reported Applications

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

Immunogen Information

Clone

Bevacizumab Biosimilar

Isotype

Human IgG1 kappa

Immunogen

Human VEGF

Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

Recommended Dilution Buffer

1×PBS pH 6.2

Contact



www.abclonal.com

Product Information

Production

Purified from cell culture supernatant in an animal-free facility

Purification

Protein A or G purification

Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)