

# Obinutuzumab Biosimilar, CD20 Monoclonal Antibody

Catalog No.: YR0130

## 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

Obinutuzumab is an antineoplastic CD20 antibody used to treat untreated chronic lymphocytic leukemia in combination with chlorambucil. In contrast to rituximab, which is a classic type I CD20 antibody, obinutuzumab binds to type II CD20 antibodies. This allows obinutuzumab to have a much higher induction of antibody-dependant cytotoxicity and a higher direct cytotoxic effect than the classic CD20 antibodies.

## Reported Applications

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

## Immunogen Information

### Clone

Obinutuzumab

### Isotype

Human IgG1 kappa

### Immunogen

Human CD20

### Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

### Recommended Dilution Buffer

1×PBS pH 7.0

## 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

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