

# Human CD79B Monoclonal Antibody

Catalog No.: YR0123

## 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

Polatuzumab is a humanized IgG1-kappa monoclonal antibody against the human CD79B protein, which is ubiquitously expressed on the surface of malignant B cells. Polatuzumab vedotin is used to treat diffuse large B-cell lymphoma (DLBCL) after at least two other cancer treatments did not work or have stopped working. It is given in combination with bendamustine (Bendeka, Treanda) and a medicine that contains rituximab (Rituxan). Polatuzumab vedotin works by attaching to CD79b and releasing a toxic substance that kills the cancer cells. Polatuzumab biosimilar uses the same protein sequences as the therapeutic antibody polatuzumab.

## Reported Applications

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

## Immunogen Information

### Clone

Polatuzumab Biosimilar

### Isotype

Human IgG1 kappa

### Immunogen

Human CD79B

### 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)