

# Human CD22 Monoclonal Antibody, Endotoxin 0.05 EU/mg

Catalog No.: YR0114

## 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

Epratuzumab is a humanized monoclonal antibody derived from the murine IG2a monoclonal antibody, LL2 (EPB-2). This agent may subsequently be well matched for use in oncology and the treatment of inflammatory autoimmune disorders, such as lupus. Epratuzumab is a recombinant, humanized monoclonal antibody directed against CD22, a cell surface glycoprotein present on mature B-cells and on many types of malignant B-cells. It binds with high specificity to normal B-cells and B-cell tumors at the third Ig-like domain of CD22. After binding to CD22, epratuzumab's predominant antitumor activity appears to be mediated through antibody-dependent cellular cytotoxicity (ADCC).

## Reported Applications

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

## Immunogen Information

### Clone

Epratuzumab Biosimilar

### Isotype

Human IgG1 kappa

### Immunogen

Human CD22

### Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

### Recommended Dilution Buffer

1×PBS pH 7.4

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## 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)