

## Anti-CD79b Antibody (Polatuzumab)

### Introduction

Polatuzumab is a monoclonal antibody with a chemotherapeutic active molecule. Polatuzumab targets CD79b, which is present on the surface of B cells. Polatuzumab attaches to the CD79b protein and delivers the chemotherapeutic active molecule into the cell. The active molecule then kills the cell. Polatuzumab can be used to synthesize Polatuzumab Vedotin. Polatuzumab Vedotin is an antibody-active molecule conjugate (ADC) for CD79b.

### Product parameters

|                     |  |
|---------------------|--|
| Alternative Names   | polatuzumab  |
| Target Accession    | P40259   |
| Target              | CD79b  |
| CAS number          | 2279068-37-8   |
| Molecular Weight    | 145.26 kDa   |
| Host                | CHO  |
| Reactivity          | Human, Mouse, Rat, Pig, Macaque, Cynomolgus  |
| Conjugation         | Unconjugated   |
| Form                | Liquid   |
| Concentration       | See label  |
| Buffer System       | 100 mM Pro 20 mM Arg pH 5.0. No preservative!  |
| Clonality           | Monoclonal   |
| Purification        | Protein A  |
| Isotype             | IgG1   |
| Application         | ELISA, FACS, Kinetics, Functional assay, Animal Model  |
| Biological activity | Immobilized human CD79b His at 16 ug/mL can bind Anti-CD79b Antibody (Polatuzumab), EC50=0.003729 ug/mL.   |
| Endotoxin           | Less than 0.1 EU/ug determined by LAL method.  |
| Sterilization       | 0.2 μM filtered  |
| Reconstitution      | For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex. |
| Shipping            | Dry ice  |
| Storage             | -80°C  |
| Expiration Date     | 2 years  |

## Note

1. This product is for scientific research use only.



### APEx BIO Technology

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