

# CD79A monoclonal antibody, clone ZL7-4

Catalog # MAB6923

Size 100 ug

## Specification

|                            |                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against CD79A.                                                                 |
| <b>Immunogen</b>           | Daudi IgM complex.                                                                                              |
| <b>Host</b>                | Mouse                                                                                                           |
| <b>Reactivity</b>          | Human                                                                                                           |
| <b>Form</b>                | Liquid                                                                                                          |
| <b>Isotype</b>             | IgG1                                                                                                            |
| <b>Recommend Usage</b>     | The optimal working dilution should be determined by the end user.                                              |
| <b>Storage Buffer</b>      | In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate) |
| <b>Storage Instruction</b> | Store at 4°C.                                                                                                   |

## Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

## Gene Info — CD79A

|                      |                     |
|----------------------|---------------------|
| <b>Entrez GeneID</b> | <a href="#">973</a> |
| <b>Gene Name</b>     | CD79A               |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Alias         | IGA, MB-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Description   | CD79a molecule, immunoglobulin-associated alpha                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Omim ID            | <a href="#">112205</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Summary       | The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-alpha protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq] |
| Other Designations | B-cell antigen receptor complex-associated protein alpha chain CD79A antigen CD79a antigen (immunoglobulin-associated alpha) MB-1 membrane glycoprotein surface IgM-associated protein                                                                                                                                                                                                                                                                                                           |

## Publication Reference

- [The development of anti-CD79 monoclonal antibodies for treatment of B-cell neoplastic disease.](#)

Zhang L, French RR, Chan HT, O'Keefe TL, Cragg MS, Power MJ, Glennie MJ.

Ther Immunol 1995 Aug; 2(4):191.

## Pathway

- [B cell receptor signaling pathway](#)
- [Primary immunodeficiency](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)