

## CD24 monoclonal antibody, clone B3298M

Catalog # MAB4135

Size 200 ug

### Specification

|                            |                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Mouse monoclonal antibody raised against native CD24.                                                                                                                                                                                                                                         |
| <b>Immunogen</b>           | Native purified CD24 from human bone marrow malignant cells from a non-B, non-T acute leukemia.                                                                                                                                                                                               |
| <b>Host</b>                | Mouse                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                                                                         |
| <b>Specificity</b>         | The molecular weight of the recognized antigen is 35-45KDa. Recognizes B cells from pre-B to mature-B stage. Clone ALB9 has been assigned to the CD24 cluster of differentiation at the sixth International Workshop on human Leucocyte Differentiation Antigens held in Kobe, Japan in 1996. |
| <b>Form</b>                | Lyophilized                                                                                                                                                                                                                                                                                   |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                                                                                                                          |
| <b>Recommend Usage</b>     | The optimal working dilution should be determined by the end user.                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>      | Lyophilized from PBS (1mg/mL BSA)                                                                                                                                                                                                                                                             |
| <b>Storage Instruction</b> | Store at 4°C on dry atmosphere.<br>After reconstitution with deionized water, store at -20°C or lower.<br>Aliquot to avoid repeated freezing and thawing.                                                                                                                                     |

### Applications

- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Flow Cytometry

## Gene Info — CD24

**Entrez GeneID** [100133941](#)

**Gene Name** CD24

**Gene Alias** CD24A, FLJ22950, FLJ43543, MGC75043

**Gene Description** CD24 molecule

**Gene Ontology** [Hyperlink](#)

**Other Designations** CD24 antigen|CD24 antigen (small cell lung carcinoma cluster 4 antigen)

## Publication Reference

- [The CD24 antigen discriminates between pre-B and B cells in human bone marrow.](#)

Duperray C, Boiron JM, Boucheix C, Cantaloube JF, Lavabre-Bertrand T, Attal M, Brochier J, Maraninchi D, Bataille R, Klein B.  
Journal of Immunology 1990 Dec; 145(11):3678.

Application: Flow Cyt, Human, Human bone marrow mononuclear cells

- [A new set of monoclonal antibodies against acute lymphoblastic leukemia.](#)

Boucheix C, Perrot JY, Mirshahi M, Giannoni F, Billard M, Bernadou A, Rosenfeld C.  
Leukemia Research 1985 Jan; 9(5):597.

## Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Ovarian Neoplasms](#)
- [Sarcoidosis](#)