CD24 monoclonal antibody, clone B3298M

Catalog # MAB4135 Size 200 ug

Specification

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

Applications

- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Flow Cytometry

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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

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