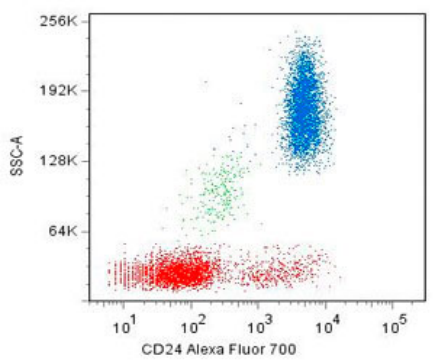
CD24 monoclonal antibody, clone SN3

Catalog # MAB3832 Size 100 ug

Applications



Flow Cytometry

Surface staining of human peripheral blood cells with CD24 monoclonal antibody, clone SN3 (Cat # MAB3832) Alexa Fluor® 700.

Specification

Product Description	Mouse monoclonal antibody raised against native CD24.
Immunogen	Native purified human CD24.
Host	Mouse
Theoretical MW (kDa)	35-45
Reactivity	Human
Specificity	This antibody reacts with CD24, a 35-45 KDa heavily glycosylated cell surface antigen. CD24 is expr essed by granulocytes, B lymphocytes and by some activated T cells and T cell malignancies. It is not expressed on human thymocytes.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)

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Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  Surface staining of human peripheral blood cells with CD24 monoclonal antibody, clone SN3 (Cat # MAB3832) Alexa Fluor® 700.

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

- CD24 induces localization of beta1 integrin to lipid raft domains.

  Runz S, Mierke CT, Joumaa S, Behrens J, Fabry B, Altevogt P.

  Biochemical and Biophysical Research Communications 2007 Nov; 365(1):35.

- CD24 is a marker of exosomes secreted into urine and amniotic fluid.

  Keller S, Rupp C, Stoeck A, Runz S, Fogel M, Lugert S, Hager HD, Abdel-Bakky MS, Gutwein P, Altevogt P.

  Kidney International 2007 Aug; 72(9):1095.

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- Cytoplasmic CD24 expression is a novel prognostic factor in diffuse-type gastric adenocarcinoma.

  Chou YY, Jeng YM, Lee TT, Hu FC, Kao HL, Lin WC, Lai PL, Hu RH, Yuan RH.

  Annals of Surgical Oncology 2007 Aug; 14(10):2748.

  Application: IHC-P, Human, Human gastric adenocarcinoma

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Multiple Sclerosis
- Ovarian Neoplasms
- Sarcoidosis

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