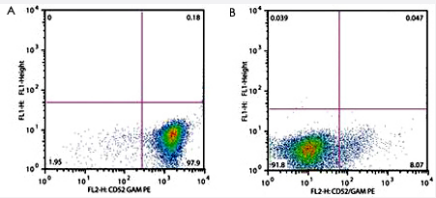
CD52 monoclonal antibody, clone HI186

Catalog # MAB0944 Size 100 ug

Applications



Flow Cytometry

Flow cytometry analysis of CD52 in patients suffering with Acute Lymphoblastic Leukemia (CD52 monoclonal antibody, clone HI186, Cat # MAB0944; detection by Goat anti-mouse IgG2b PE). A: CD52 positive cALL (gate leukemic cells). B: CD52 negative pro T ALL (gate leukemic cells).

Specification

Product Description	Mouse monoclonal antibody raised against native CD52.
Immunogen	Human tonsil.
Host	Mouse
Theoretical MW (kDa)	21-28
Reactivity	Human
Specificity	This antibody reacts with CD52 (CAMPATH-1), a 21-28 KDa glycoprotein containing a large N-linke d carbohydrate moiety; mature CD52 molecule is actually much smaller (approx. 8-9 KDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract.
Form	Liquid
Purification	Protein A Chromatography
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Isotype	IgG2b

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Recommend Usage	Flow Cytometry (2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide).
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Flow Cytometry

  Flow cytometry analysis of CD52 in patients suffering with Acute Lymphoblastic Leukemia (CD52 monoclonal antibody, clone HI186, Cat # MAB0944; detection by Goat anti-mouse IgG2b PE). A: CD52 positive cALL (gate leukemic cells). B: CD52 negative pro T ALL (gate leukemic cells).

Gene Info — CD52

Entrez GeneID	1043
Gene Name	CD52
Gene Alias	CDW52
Gene Description	CD52 molecule
Omim ID	114280
Gene Ontology	Hyperlink
Other Designations	CD52 antigen|CD52 antigen (CAMPATH-1 antigen)|CDW52 antigen (CAMPATH-1 antigen)|OTT HUMP00000003570

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