

# Product Datasheet

## CD52 Antibody (HI186) - BSA Free NB500-311

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-311**

CD52 Antibody (HI186) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HI186
Preservative	0.9% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	28 kDa

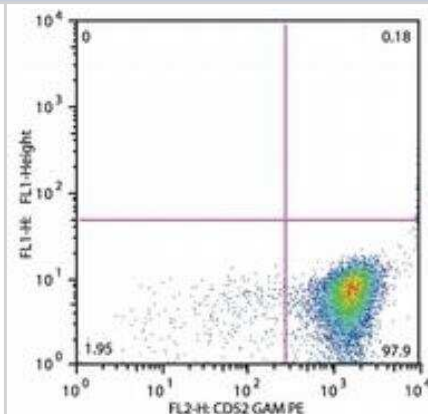
Product Description	
Host	Mouse
Gene ID	1043
Gene Symbol	CD52
Species	Human
Specificity/Sensitivity	The antibody HI186 reacts with CD52 (CAMPATH-1), a 21-28 kDa glycoprotein containing a large N-linked carbohydrate moiety; mature CD52 molecule is actually much smaller (approx. 8-9 kDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract. HLDA VI; WS Code BP 523 HLDA VI; WS Code T 6T-057
Immunogen	Human tonsil (NM_001803.2).

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 2 ug/ml, Immunohistochemistry 1:200, Immunohistochemistry-Paraffin 1:200, CyTOF-ready
Application Notes	Purity is > 95% (by SDS-PAGE). This antibody is CyTOF ready.

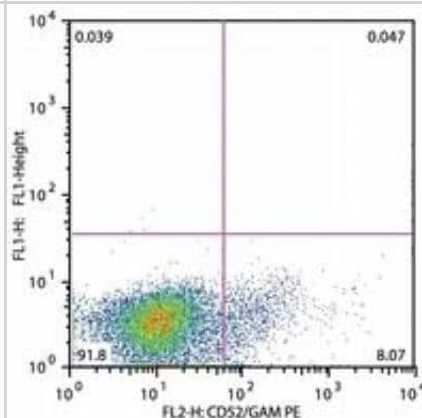


## Images

Flow Cytometry: CD52 Antibody (HI186) [NB500-311] - Flow cytometry analysis of CD52 in patients suffering with Acute Lymphoblastic Leukemia (anti-human CD52 (HI186); detection by Goat anti-mouse IgG2b PE). Fig. 1A CD52 positive cALL (gate leukemic cells).



Flow Cytometry: CD52 Antibody (HI186) [NB500-311] - Fig.1B CD52 negative pro T ALL (gate leukemic cells)





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### **Products Related to NB500-311**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NB500-311AF405	CD52 Antibody (HI186) [Alexa Fluor® 405]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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