

# Product Datasheet

## **CD52 Antibody (YTH 34.5-G2b (Campath-1G)) - Azide and BSA Free**

### **NBP2-75899-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-75899-0.2mg**

CD52 Antibody (YTH 34.5-G2b (Campath-1G)) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	YTH 34.5-G2b (Campath-1G)
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

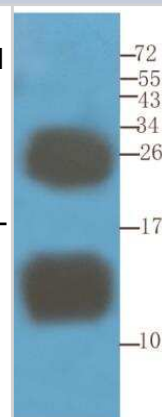
<b>Host</b>	Rat
<b>Gene ID</b>	1043
<b>Gene Symbol</b>	CD52
<b>Species</b>	Human, Cynomolgus Monkey, Rhesus Macaque
<b>Specificity/Sensitivity</b>	Human CD52 antigen, also known as CAMPATH-1. CD52 is expressed at high density by lymphocytes, monocytes, eosinophils, thymocytes and macrophages. It is expressed by most lymphoid derived malignancies, although expression on myeloma cells is variable.
<b>Immunogen</b>	Human peripheral mononuclear cells enriched for T-cells.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vivo assay
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, In vivo assay

**Images**

Western Blot: CD52 Antibody (YTH 34.5-G2b (Campath-1G)) [NBP2-75899] - Mouse spleen samples were resolved on a 15% SDS PAGE gel and blots probed with the rat IgG1-chimeric version of YTH 34.5-G2b (NBP2-75899) at 1.5 ug/ml before detection using an anti-rat secondary antibody. Protein was detected by chemiluminescence. The expected unmodified running size for CD52 is ~8kDa, but this protein is extensively glycosylated and exhibits running sizes of ~11-25kDa. NBP2-75899 successfully detected CD52 in mouse spleen samples.





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### **Products Related to NBP2-75899-0.2mg**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP1-43323-0.5mg	Rat IgG2b Kappa Light Chain Isotype Control (149/10H5)
NBP2-61993-20ug	Recombinant Human CD52 hIgG-His Protein

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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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