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Datasheet for ABIN5668234

## Recombinant anti-CD52 antibody

### 1 Image

#### Overview

Quantity:	200 µg
Target:	CD52
Reactivity:	Human, Rhesus Monkey, Cynomolgus
Host:	Rat
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Cytotoxicity Test (CyTox), In vivo Studies (in vivo)

#### Product Details

Immunogen:	Human peripheral mononuclear cells enriched for T-cells.
Clone:	YTH 34-5-G2b (Campath-1G)
Isotype:	IgG2b kappa
Specificity:	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.
Cross-Reactivity:	Cynomolgus, Rhesus Monkey
Characteristics:	OriginalSpeciesName: Rat OriginalFormat: IgG2b
Purification:	Purified antibody.

## Target Details

Target:	CD52
Alternative Name:	CD52 ( <a href="#">CD52 Products</a> )
Background:	CDw52, Cambridge pathology 1 antigen, Epididymal secretory protein E5, Human epididymis-specific protein 5
UniProt:	<a href="#">P31358</a>

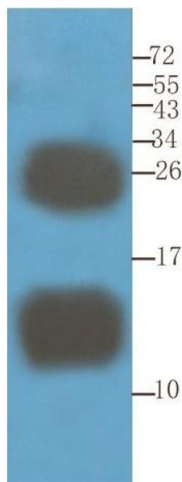
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

## Images



### Western Blotting

**Image 1.** Western Blot using anti-CD52 antibody YTH 34.5-G2b (Campath-1G) 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 (ABIN5668234) at 1.5  $\mu$ g/mL before detection using an anti-rat secondary antibody. Protein was detected by chemiluminescence. The expected unmodified running size for CD52 is ~8 kDa, but this protein is extensively glycosylated and exhibits running sizes of ~11-25 kDa. ABIN5668234 successfully detected CD52 in mouse spleen samples.