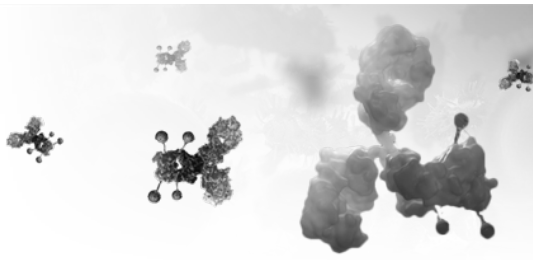

Anti-CD52 monoclonal antibody, clone YTH66.9HL (CABT-46450RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product reacts with the human CD52 antigen, also known as CAMPATH-1. The CD52 antigen is a remarkably small peptide that is heavily glycosylated, and attached to the cell surface membrane via a GPI link. The apparent molecular mass of the antigen on SDS-PAGE is 25-29kDa. 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. Humanised versions of CAMPATH-1 specific antibodies are currently in clinical trials for the treatment of a range of lymphoid malignancies. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD52
Immunogen	Human T lymphocytes
Isotype	IgM
Source/Host	Rat
Species Reactivity	Human, Cynomolgus monkey
Clone	YTH66.9HL
Conjugate	Unconjugated
Applications	IHC-Fr; Cyt; FC; WB
Format	Ig fraction - liquid
Size	100 µl
Preservative	See individual product datasheet

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Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD52 CD52 molecule [Homo sapiens (human)]
Official Symbol	CD52
Synonyms	CD52; CD52 molecule; CDW52; CAMPATH-1 antigen; he5; HEL-S-171mP; cambridge pathology 1 antigen; epididymal secretory protein E5; CD52 antigen (CAMPATH-1 antigen); CDW52 antigen (CAMPATH-1 antigen); human epididymis-specific protein 5; epididymis secretory
Entrez Gene ID	1043
Protein Refseq	NP_001794
UniProt ID	P31358
Chromosome Location	1p36

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