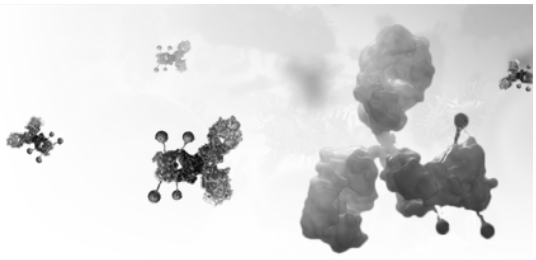

Anti-CD52 monoclonal antibody, clone YTH34.5 [R-PE] (CABT-46441RH)

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

PRODUCT INFORMATION

Product Overview	Rat anti Human CD52 antibody, clone YTH34.5 reacts with the human CD52 antigen, also known as CAMPATH-1. The CD52 antigen is a remarkably small but heavily glycosylated peptide attached to the cell surface membrane via a GPI link. The apparent molecular mass of the native antigen on SDS-PAGE is 25-29kDa, considerably reduced following N-glycanase treatment. 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 1 x 106 cells in 100ul
Specificity	CD52
Immunogen	Human lymphocytes.
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Human, Rhesus monkey
Clone	YTH34.5
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide

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Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. 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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