

Product datasheet for **SM2135P**

CD52 Rat Monoclonal Antibody [Clone ID: YTH34.5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YTH34.5
Applications:	CT, ELISA, FC, IHC, IP, WB
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/20 diluted antibody to label 1 x 10 ⁶ cells in 100ul. Immunohistochemistry on Frozen Sections: 1/20. Immunohistochemistry on Paraffin Sections: 1/20-1/40. Immunohistochemistry on Resin. Positive Control Tissue: Tonsil. ELISA. Western Blotting. Immunoprecipitation. Cytotoxic Assays: 50 µg/ml. Use Human serum as complement source.
Reactivity:	Human, Monkey
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human lymphocytes.
Specificity:	This antibody reacts with CD52 antigen. Humanised versions of CAMPATH-1 specific antibodies are currently in clinical trials for the treatment of a range of lymphoid malignancies.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.



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Stability:	Shelf life: one year from despatch.
Gene Name:	CD52 molecule
Database Link:	Entrez Gene 1043 Human P31358
Background:	<p>CD52 is a 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 25-29kD.</p> <p>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.</p>
Synonyms:	HE5, CDw52