

Product datasheet for **AM05898PU-N**

CD52 Rat Monoclonal Antibody [Clone ID: YTH66.9HL]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YTH66.9HL
Applications:	CT, FC, IHC, WB
Recommended Dilution:	Immunohistochemistry on frozen sections: 1:20. Western blot. Flow cytometry: Use 10 µl of 1:20 diluted antibody to label 10e6 cells in 100 µl. Cytotoxic assays.
Reactivity:	Human, Monkey
Host:	Rat
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Human T lymphocytes
Specificity:	This antibody 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.
Formulation:	Phosphate buffered saline 0.09% Sodium Azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Ammonium sulphate precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD52 molecule



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Database Link: [Entrez Gene 1043 Human P31358](#)

Background: 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.

Synonyms: HE5, CDw52