

## Anti-CD52 [YTH 34.5-G2b (Campath-1G)] Standard Size Ab00165-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** YTH 34.5-G2b (Campath-1G)

**Alternative Name(s) of Target:** CDw52; Cambridge pathology 1 antigen; Epididymal secretory protein E5; Human epididymis-specific protein 5

**UniProt Accession Number of Target Protein:** P31358

**Published Application(s):** Cytotoxicity Assay, IHC-P, in vivo, WB, ELISA, FC, IHC-Fr

**Published Species Reactivity:** Human, Rhesus Monkey, Cynomolgus Monkey

**Immunogen:** Human peripheral mononuclear cells enriched for T-cells.

**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.

**Application Notes:**

**Antibody First Published in:** Hale G et al. Removal of T cells from bone marrow for transplantation: a monoclonal antilymphocyte antibody that fixes human complement. Blood. 1983 Oct;62(4):873-82.

[PMID:6349718](#)

**Note on publication:** Describes the generation and characterization of this antibody, including its T-cell depleting function.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.