

## Anti-CD52 [Alemtuzumab (Campath-1H)] Bulk Size Ab00124-10.2-BT

This antibody has a mutation to remove the CH2 IgG glycosylation site.

**Isotype and Format:** Human IgG1, Aglycosylated, Kappa

**Clone Number:** Alemtuzumab (Campath-1H)

**Alternative Name(s) of Target:** CDW52; Cambridge pathology 1 antigen; Epididymal secretory protein E5; Human epididymis-specific protein 5; YTH66.9HL

**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 lymphocytes.

**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:** Riechmann L, Clark M, Waldmann H, Winter G. Reshaping human antibodies for therapy. Nature. 1988 Mar 24;332(6162):323-7. [PMID:3127726](#)

**Note on publication:** Describes the reshaping of the rat IgG2b antibody to human IgG1 and shows that it recognises human CD52 antigen.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.