

Anti-CD52 [Alemtuzumab (Campath-1H)] Standard Size Ab00124-10.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar. This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human F(ab)2, AbFab2™ His-Tagged, 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: 200 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.