

IVMB0473

Product Information

Product SKU: IVMB0473	Clone: Campath-1H	Target: CD52
Size: 100 µg		Isotype: Human IgG1k

Additional Information

Reactivity: Human/Rhesus Monkey/Cynomolgus Monkey	Host Species: Human
Antibody Type: Biosimilar Recombinant Human Monoclonal Antibody	Expression Host: HEK-293 Cells

Immunogen Information

Background: Clone Campath-1H is a monoclonal antibody that specifically binds to CD52, a protein present on the surface of mature lymphocytes. However, this protein is not present on the stem cells that generated these lymphocytes. Alemtuzumab targets and destroys mature lymphocytes containing CD-52, and is used to treat chronic lymphocytic leukemia (CLL) and multiple sclerosis. Anti-Human CD52 (Alemtuzumab) utilizes the same variable regions from the therapeutic antibody Alemtuzumab making it ideal for research projects.

Product Concentration: 0.5 mg/ml

Applications: ELISA

Synonyms: HE5; CDW52; EDDM5 CDW52; Cambridge pathology 1 antigen

Antigen Distribution: CD52 is primarily expressed on the surface of mature lymphocytes. Additionally, CD52 is present on most lymphoid derived malignancies. However, variable expression on Myeloma cells should be noted.

Immunogen: Human lymphocytes.

Formulation: This HRP-conjugated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4, 1% BSA. **(Warning: Use of sodium azide as a preservative will inhibit the enzyme activity of horseradish peroxidase)**

- Specificity:** This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Alemtuzumab. Clone Campath-1H recognizes human CD52. This product is for research use only.
- Pathogen Testing:** -
- Storage & Handling:** This horseradish peroxidase conjugated monoclonal antibody is stable when stored at 2-8°C. Do not freeze.