

## IVMB0472

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### Product Information

<b>Product SKU:</b> IVMB0472	<b>Clone:</b> Campath-1H	<b>Target:</b> CD52
<b>Size:</b> 100 µg		<b>Isotype:</b> Human IgG1k

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### Additional Information

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

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### 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 Biotinylated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

- 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 biotinylated antibody is stable when stored at 2-8°C. Do not freeze.