

## 12-8051: Anti-Human CD52 (Alemtuzumab) - PE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Campath-1H
<b>Application :</b>	Functional Assay
<b>Alternative Name :</b>	HE5; CDW52; EDDM5 CDW52; Cambridge pathology 1 antigen
<b>Isotype :</b>	Human IgG1k
<b>Immunogen Information :</b>	Human lymphocytes.

### Description

Expression Host : HEK-293

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.

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 Info

<b>Amount :</b>	50 µg
	Concentration : 0.2 mg/ml
<b>Content :</b>	This R-phycoerythrin (R-PE) conjugate 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.
<b>Storage condition :</b>	This R-phycoerythrin (R-PE) conjugate is stable when stored at 2-8°C. Do not freeze.

### Application Note

The suggested concentration for Alemtuzumab biosimilar antibody for staining cells in flow cytometry is  $\leq 1.0$  µg per 10<sup>6</sup> cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.