

12-8048: Anti-Human CD52 (Alemtuzumab) - APC

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

Amount :	50 µg
	Concentration : 0.2 mg/ml
Content :	This Allophycocyanin (APC) 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.
Storage condition :	This Allophycocyanin (APC) 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 ≤ 1.0 µg per 10⁶ cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.