

# Human CD52 (Research Grade Alemtuzumab Biosimilar) PE-conjugated Antibody

Recombinant Monoclonal Human IgG<sub>1</sub> Clone # Hu116

Catalog Number: FAB9889P

## DESCRIPTION

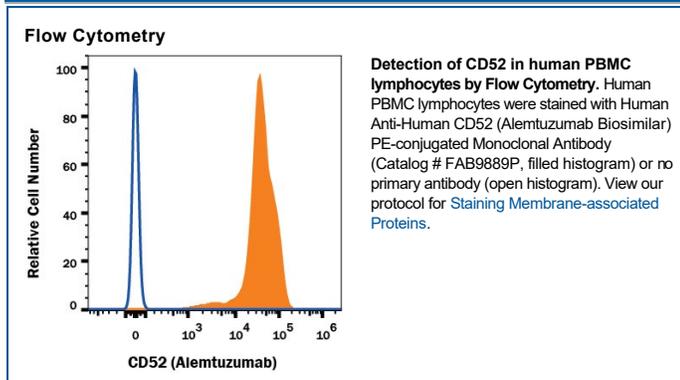
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CD52 based on Alemtuzumab therapeutic antibody. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Alemtuzumab. This product is for research use only.
<b>Source</b>	Recombinant Monoclonal Human IgG <sub>1</sub> Clone # Hu116
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	Human CD52
<b>Conjugate</b>	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm
<b>Formulation</b>	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	10 µL/10 <sup>6</sup> cells	See Below

## DATA



## PREPARATION AND STORAGE

**Shipping** The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage** **Protect from light. Do not freeze.**

- 12 months from date of receipt, 2 to 8 °C as supplied.

## BACKGROUND

Alemtuzumab is a biosimilar directed against the extracellular domain of CD52. This product can be used in flow cytometry or various assay format to measure CD52 expression.