

Human CD52 (Research Grade Alemtuzumab Biosimilar) Antibody

Recombinant Monoclonal Human IgG_1 Clone # Hu116

Catalog Number: MAB9889

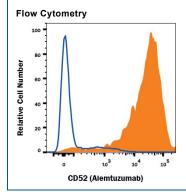
DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human CD52 based on Alemtuzumab therapeutic antibody. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Alemtuzumab. This product is for research use only.	
Source	Recombinant Monoclonal Human IgG ₁ Clone # Hu116	
Purification	Protein A or G purified from cell culture supernatant	
Immunogen	Human CD52	
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.	
Formulation	ormulation Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.	

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.

	Recommended Concentration	Sample
Flow Cytometry	0.25 μg/10 ⁶ cells	See Below
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA



Detection of CD52 in human PBMC lymphocytes by Flow Cytometry. Human PBMC lymphocytes were stained with Human Anti-Human CD52 (Alemtuzumab Biosimilar) Monoclonal Antibody (Catalog # MAB9889, filled histogram) or no primary antibody (open histogram) followed by APC-conjugated Anti-Human IgG Secondary Antibody (Catalog # F0135). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage U

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Alemtuzumab is a biosimilar directed against the extracellular domain of CD52. The biotinylated antibody (catalog number FAB9889B) can be used in flow cytometry or various assay format to measure CD52 expression and can be detected by conjugated streptavidin.

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