

## Alemtuzumab

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Cat. No.:	HY-P9948
CAS No.:	216503-57-0
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Alemtuzumab (Campath-1H) is a humanized monoclonal antibody against CD52, a glycoprotein expressed on the surface of most lymphoid, and to a lesser extent, myeloid cell types. Alemtuzumab selectively targets the CD52 antigen to induce profound lymphocyte depletion, followed by recovery of T and B cells with regulatory phenotypes<sup>[1][2]</sup>.

### REFERENCES

[1]. Kashani N, et al. Immune Regulatory Cell Bias Following Alemtuzumab Treatment in Relapsing-Remitting Multiple Sclerosis. *Front Immunol.* 2021;12:706278. Published 2021 Oct 28.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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