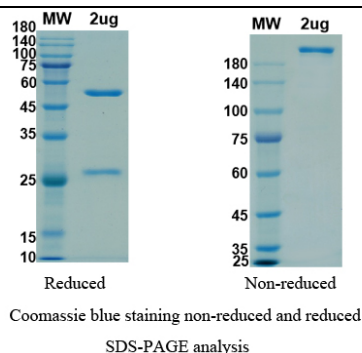


Product Details

Catalog No.	ATAD00001
INN (International Nonproprietary Name)	Alemtuzumab
Purity	>95%

SDS-PAGE image



Concentration	1.41mg/ml
Formulation	PBS buffer PH7.4
Source	CHO cells
Endotoxin level	Please contact with the lab for this information.
Note	For research use only .

Bioactivity

Description	Alemtuzumab is a humanized monoclonal antibody against CD52, an antigen found on the surface of normal and malignant lymphocytes.
Alternative names	Campath-1H, LDP-03
Specificity target name; species	CD52[Homo sapiens]
Target information	Tumor necrosis factor alpha (TNF α) is a cytokine produced primarily by monocytes and macrophages. It is found in synovial cells and macrophages in the tissues. The primary role of TNF α is in the regulation of immune cells. TNF α is able to induce apoptotic cell death, to induce inflammation, and to inhibit tumorigenesis and viral replication. Dysregulation of TNF α production has been implicated in a variety of human diseases, including major depression, Alzheimer's disease and cancer. Recombinant TNF α is used as an immunostimulant under the INN tasonermin.

TNF α can be produced ectopically in the setting of malignancy and parallels parathyroid hormone both in causing secondary hypercalcemia and in the cancers with which excessive production is associated.

Species

Humanized

Receptor identification

IgG1-kappa

Chemistry

MV 150000.00 Da

CAS 216503-57-0

Storage

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

Store at +4°C short term (1-2 weeks).

Store at -20 °C 12 months.

Store at -80°C long term.

