

## Batoclimab

Catalogue No.: abx831540

Batoclimab is a monoclonal antibody biosimilar expressed in CHO cells, targeting FCGRT, for use in laboratory research applications. This product is not suitable for use as medicines or in human, therapeutic or diagnostic applications.

Batoclimab (HBM9161) is a fully human antibody targeting the neonatal Fc receptor (FcRn). It targets patients with neuromyelitis optica spectrum diseases and other autoimmune diseases, and can accelerate the degradation of autoantibodies in their bodies. Batoclimab (HBM9161) is an antibody that targets the neonatal Fc receptor (FcRn). FcRn expression is up-regulated by pro-inflammatory cytokines (such as TNF- $\alpha$ ) and prolongs the half-life of IgG and serum albumin by reducing lysosomal degradation in endothelial cells and bone marrow-derived cells. Blocking the FcRn-IgG interaction can accelerate the degradation of autoantibodies and reduce the onset of various pathogenic IgG-mediated autoimmune diseases, including myasthenia gravis, thyroid ophthalmopathy, neuromyelitis optica spectrum disease and immunity Thrombocytopenia.

<b>Target:</b>	FCGRT
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Human
<b>Expression:</b>	Recombinant
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Human
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Isotype:</b>	IgG <sub>1</sub> , Lambda
<b>Form:</b>	Liquid
<b>Purity:</b>	> 95%
<b>Purification:</b>	Purified from cell culture supernatants by Protein A/G chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>Buffer:</b>	0.01 M PBS. pH 7.4.
<b>Concentration:</b>	Batch-dependent, typically between 0.5-2.0 mg/ml.

# Datasheet

Version: 2.0.0

Revision date: 13 Mar 2025



**Note:**

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only