

Anti-BLyS/APRIL Antibody (Atacicept)

Introduction

Atacicept is a recombinant fusion protein composed of the Fc portion of human IgG1 and the extracellular domain of the TACI receptor. It inhibits the survival and differentiation of B cells by binding to BLyS (B lymphocyte stimulator) and APRIL (proliferation-inducing ligand), thereby being used to treat autoimmune diseases such as systemic lupus erythematosus (SLE) and rheumatoid arthritis (RA).

Product parameters

Reconstitution Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Alternative Names	TACI-Ig, A-623, TACI-Fc 5
Molecular Weight - Host CHO Reactivity Human Conjugation Unconjugated Form Liquid Concentration 1 mg/mL Buffer System 100 mM Pro 20 mM Arg pH 5.0. Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 µM filtered Reconstitution Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Expiration Date 2 Years	Target Accession	- 810
Molecular Weight - Host CHO Reactivity Human Conjugation Unconjugated Form Liquid Concentration 1 mg/mL Buffer System 100 mM Pro 20 mM Arg pH 5.0. Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 µM filtered Reconstitution Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Expiration Date 2 Years	Target	BLyS/APRIL
Host CHO Reactivity Human Conjugation Unconjugated Form Liquid Concentration 1 mg/mL Buffer System 100 mM Pro 20 mM Arg pH 5.0. Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 µM filtered Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Expiration Date 2 Years	CAS number	845264-92-8
Reactivity Human Conjugation Unconjugated Form Liquid Concentration 1 mg/mL Buffer System 100 mM Pro 20 mM Arg pH 5.0. Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 µM filtered Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Molecular Weight	-
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Form Liquid Concentration 1 mg/mL Buffer System 100 mM Pro 20 mM Arg pH 5.0. Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 µM filtered Reconstitution Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Reactivity	Human
Concentration 1 mg/mL Buffer System 100 mM Pro 20 mM Arg pH 5.0. Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 µM filtered For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Conjugation	Unconjugated
Buffer System 100 mM Pro 20 mM Arg pH 5.0. Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 μM filtered Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Form	Liquid
Clonality Monoclonal Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 µM filtered Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Concentration	1 mg/mL
Purification Protein A Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 μM filtered Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Buffer System	100 mM Pro 20 mM Arg pH 5.0.
Isotype IgG1 Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 μM filtered Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Clonality	Monoclonal
Application ELISA, FACS, Kinetics, Functional assay, Animal Model Biological activity - Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 μM filtered For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Purification	Protein A
Biological activity Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 μM filtered For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80 ℃ Expiration Date 2 Years	Isotype	lgG1
Endotoxin Less than 0.1 EU/ug determined by LAL method. Sterilization 0.2 μM filtered For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Sterilization O.2 µM filtered For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Biological activity	
Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Reconstitution Gently shake it to solubilize the protein completely. Do not vortex. Shipping Dry ice Storage -80°C Expiration Date 2 Years	Sterilization	0.2 μM filtered
Storage -80℃ Expiration Date 2 Years	Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Expiration Date 2 Years	Shipping	Dry ice
·	Storage	-80℃
Note Please avoid freeze-thaw cycles.	Expiration Date	2 Years
	Note	Please avoid freeze-thaw cycles.

Note

1. This product is for scientific research use only.

