

Anti-Siglec-3/CD33 Antibody (Gemtuzumab)

Introduction

Gemtuzumab ozogamicin is an antibody-drug conjugate (ADC), which is conjugated to the cytotoxic drug calicheamicin. CD33 Calicheamicin is a cytotoxic antibiotic. Gemtuzumab ozogamicin is used in the study of acute myeloid leukemia (AML).

Product parameters

Alternative Names	Gemtuzumab
Target Accession	P20138
Target	Siglec-3 / CD33
CAS number	-
Molecular Weight	145.22 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG4SP
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human CD33 His at 2 ug/mL can bind Anti-Siglec-3/CD33 Antibody (Gemtuzumab), EC50=0.00433 ug/mL.
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
Note	Please avoid freeze-thaw cycles.

Note

1. This product is for scientific research use only.



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