

Anti-TROP2 Antibody (Datopotamab deruxtecan)

Introduction

Datopotamab (CDP7657) is a humanized anti-trophoblast cell surface antigen 2 (TROP2) antibody. Datopotamab can be combined with the DNA topoisomerase I inhibitor Deruxtecan to generate an antibody-drug conjugate (ADC) Datopotamab deruxtecan. Datopotamab can be used in the study of triple-negative breast cancer and non-small cell lung cancer.

Product parameters

Alternative Names	DS-1062a, MAAP-9001a, TINA1
Target Accession	P09758
Target	TROP2
CAS number	2238831-60-0
Molecular Weight	149.3 kDa
Host	CHO
Reactivity	Human
Conjugation	Dxd
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized rhTROP2(ECD)-chis at 2 µg/mL (30 µL/well) can bind Datopotamab-DXd (P100820D4.4) with the EC50 of 0.01250 µg/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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