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Anti-TROP2 Reference Antibody (datopotamab deruxtecan)

Recombinant Antibody
Catalog # APR10586

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P09758
Reactivity	Human
Clonality	ADC
Isotype	IgG1
Calculated MW	35709

Additional Information

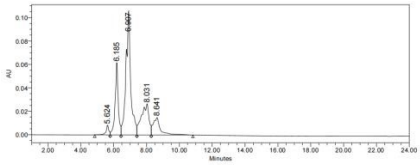
Target/Specificity	TROP2
Endotoxin Conjugation	Dxd
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

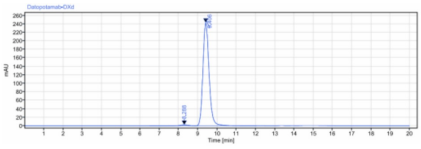
Name	TACSTD2
Synonyms	GA733-1, M1S1, TROP2
Function	May function as a growth factor receptor.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Placenta, pancreatic carcinoma cell lines.

Images

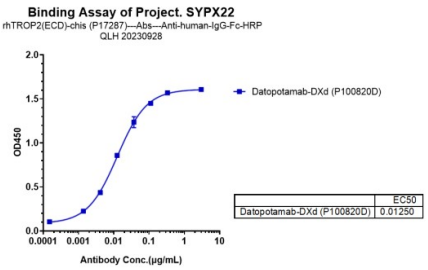
The drug-to-antibody ratio (DAR) of the Anti-TROP2 Reference Antibody (Datopotamab-DXD) is 4.4.



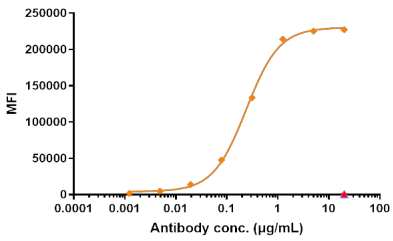
	RT	Area	% Area	Height
1	5.624	93251	2.15	8146
2	6.185	810292	18.72	61589
3	6.907	2115428	48.87	105805
4	8.031	855433	19.76	26470
5	8.641	454030	10.49	14781



The purity of protein, determined by HPLC, is greater than 95%.



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.



Human TROP2 HEK293 Cell Line were stained Anti-TROP2 Reference Antibody (datopotamab deruxtecan) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.24 ug/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.