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Anti-Nectin-4 Reference Antibody (enfortumab vedotin-ejfv)

Recombinant Antibody
Catalog # APR10057

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q96NY8
Reactivity	Human
Clonality	ADC
Isotype	IgG1
Calculated MW	55454

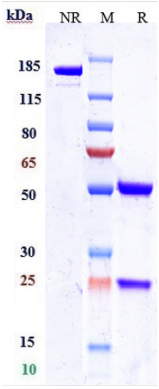
Additional Information

Target/Specificity	Nectin-4
Endotoxin Conjugation	MMAE
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

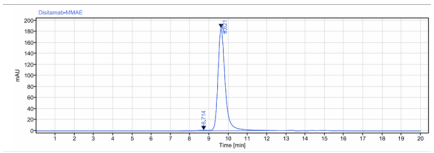
Protein Information

Name	NECTIN4 (HGNC:19688)
Synonyms	LNIR, PRR4, PVRL4
Function	Seems to be involved in cell adhesion through trans- homophilic and -heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction. Note=Colocalizes with AFDN at cadherin- based adherens junctions (PubMed:11544254)
Tissue Location	Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma

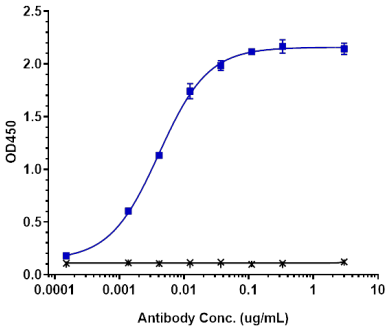
Images



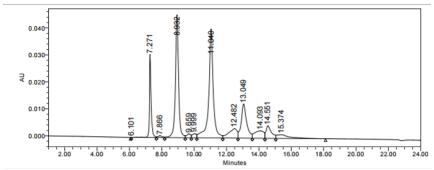
Anti-Nectin-4 Reference Antibody (Enfortumab vedotin-ejfv) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



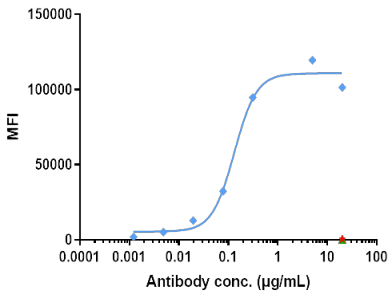
The purity of Anti-Nectin-4 Reference Antibody (Enfortumab vedotin-ejfv) is 100%, determined by SEC-HPLC.



Immobilized human NECTIN 4 His at 2 ug/mL can bind Anti-Nectin-4 Reference Antibody (Enfortumab vedotin-ejfv), EC50 is 0.004082 ug/mL.



The drug-to-antibody ratio (DAR) of the Anti-Nectin-4 Reference Antibody (Enfortumab vedotin-eifv) is 3.6.



Human Nectin-4 MDA-MB-231 LUCI Cell Line were stained with Anti-Nectin-4 Reference Antibody (enfortumab vedotin-ejfv) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,The EC50 is 0.15 μg/mL.

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