

Product Datasheet

Fluorescent Human CLDN18.2 Full Length Protein-VLP (EGFP) (orb1471702)

Catalog Number	orb1471702
Category	Proteins
Description	Fluorescent Human CLDN18.2 Full Length Protein-VLP (EGFP)
Target	CLDN18.2
Tag	C-Flag Tag
Reactivity	Human
Form/Appearance	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
UniProt ID	P56856
MW	The human full length CLDN18.2 fusion protein has a MW of 54.2 kDa
Expression System	HEK293
Source	Mammalian
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Note	For research use only

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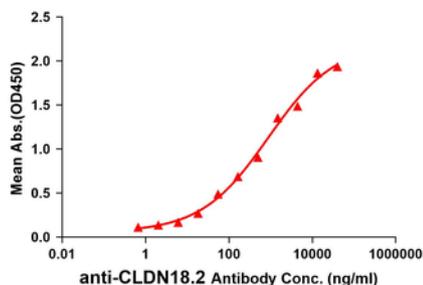
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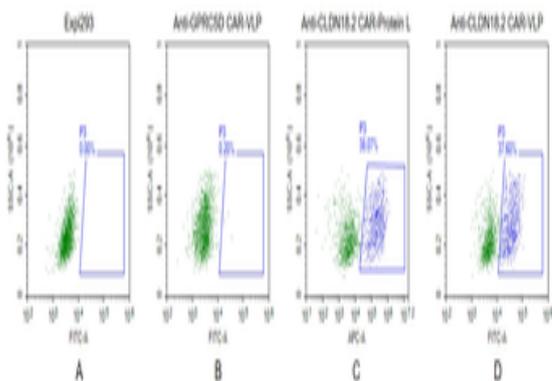
Expiration Date

6 months from date of receipt.

ELISA assay to evaluate CLDN18.2-EGFP-VLP
0.5µg Human CLDN18.2-EGFP-VLP per well



ELISA plates were pre-coated with 0.5 µg/per well purified human CLDN18.2-EGFP-VLP. Serial diluted Anti-CLDN18.2 monoclonal antibody (orb1173630) solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 for anti- CLDN18.2 monoclonal antibody binding with CLDN18.2-EGFP-VLP is 877.5 ng/ml.



FACS analysis of CLDN18.2 VLP A. Negative Control 1: Expi293 cells were stained with Fluorescent Human CLDN18.2 Full Length Protein-VLP (EGFP). B. Negative Control 2: Anti-GPRC5D-CAR-Expi293 cells (an irrelevant CAR) were stained with Fluorescent Human CLDN18.2 Full Length Protein-VLP (EGFP). C. Positive Control: Anti-CLDN18.2-CAR-Expi293 cells were stained with biotin labeled Protein L, followed by streptavidin-APC antibody. D. Anti-CLDN18.2-CAR-Expi293 cells were stained with Fluorescent Human CLDN18.2 Full Length Protein-VLP (EGFP).

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