

Catalog Number: IRALP4502

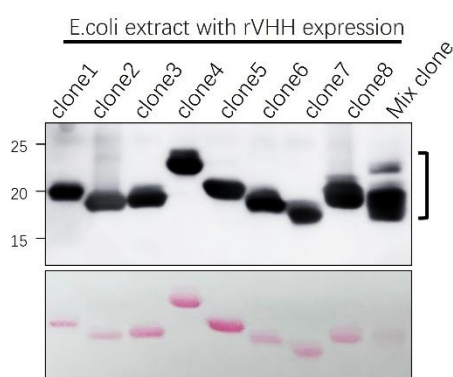
Rabbit Anti-Alpaca VHH Antibody

Package size: 25, 100 μ l
Store at: -20°C
MW (kDa): 13-20

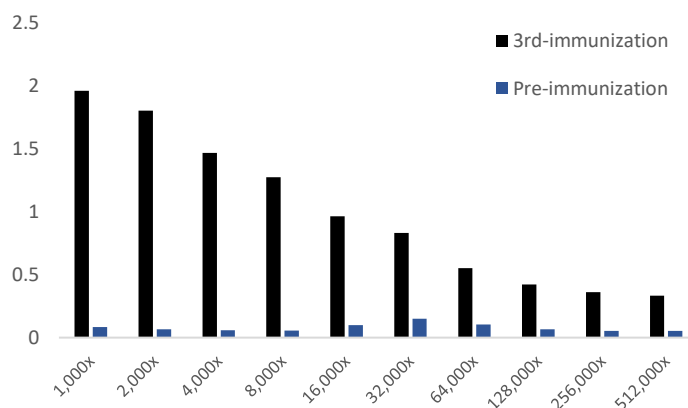
Overview

Product Name	Rabbit Anti-Alpaca VHH Antibody
Product Number	IRALP4502
Immunogen	E. coli extract with alpaca rVHH expression.
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	The antibody has no cross reactivity with mouse, rat, rabbit, chicken, goat or human immunoglobulins.
Recommended Applications Dilutions	Western Blot 1:5000 - 1:10000 Flow Cytometry 1:200 - 1:400 ELISA 1:10000 - 1:20000
Storage Buffer	100mM Tris Glycine, 40% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
Concentration	1.76 mg/ml
Purity	Affinity column purified
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C
Notes	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

IRALP4502 Rabbit Anti-Alpaca VHH Antibody WB image



IRALP4502 Rabbit Anti-Alpaca VHH Antibody ELISA image



The randomly selected expressed and purified VHH nanobodies were separated by SDS-PAGE under reducing conditions and visualized by PAS staining (lower panel). After immobilization on nitrocellulose, the membrane was blocked with 5% skim milk and probed with Rabbit Anti-Alpaca VHH (IRALP4502) at a 1:30,000 dilution, followed by detection with HRP-conjugated goat anti-rabbit (H+L) antibody (IRBS4012). Signals on the membrane were developed using ECL (right panel). Sample loading: 0.2 μ g/well.

ELISA analysis of rabbit anti-VHH antibody (IRALP4502). Serum from the 3rd immunization and pre-immunization was serially 2-fold diluted and added to ELISA plates coated with antigen proteins. Bound antibodies were detected using rabbit anti-VHH, followed by HRP-conjugated goat anti-rabbit IgG (IRBS4012). TMB substrate was used for signal development, and the reaction was stopped with HCl. ELISA data were represented as the mean OD 450 nm \pm SD from duplicate experiments.

IRALP4502 Rabbit Anti-Alpaca VHH Antibody WB image	IRALP4502 Rabbit Anti-Alpaca VHH Antibody FACS image
<div> <div> <div>100ng</div> <div>20ng</div> <div>5ng</div> </div> <div> <div>rVHH</div> <div>1ng</div> <div>0.2ng</div> <div>0.04ng</div> </div> </div>	<div> <div> <div>Unstain</div> <div> <div>Jurkat_UTD</div> <div>Jurkat_VHH_{CAR}.LV</div> </div> </div> <div> <div>anti-VHH-rbFc Ab (with anti-rbIgG-iF680 2nd Ab)</div> <div> <div> <div>CAR+ 0.18</div> <div>CAR+ 0.30</div> </div> <div> <div>CAR+ 50.4</div> <div>CAR+ 29.4</div> </div> </div> <div> <div>3X-dilute LV</div> <div>9X-dilute LV</div> </div> </div> </div>
Dot blot for sensitivity of Rabbit Anti-Alpaca VHH (IRALP4502) at a 1:10,000 dilution.	The lentivirus-transduced Jurkat T cells were stained with Rabbit Anti-Alpaca VHH Antibody (IRALP4502) and analyzed by FACS.

IReal Biotechnology Co., Ltd.



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