

For Research Use Only

anti-IL28a recombinant VHH, biotinylated



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Catalog Number: IL28a-b

Basic Information

Catalog Number:
IL28a-b

Applications:
BLI, SPR, ELISA

Host:
Alpaca

Conjugate:
Biotin

Type:
Nanobody

Class:
Recombinant

RRID:
AB_3665400

Molecular Weight:
15.0 kDa

Description

IL28-b is a recombinant mono-biotinylated anti IL28 Nanobody (VHH), suitable for ELISA, SPR, and BLI applications.

Affinity

9 nM

Background

IL28A, also named as IFNL2 and ZCYT020, is a cytokine with immunomodulatory activity. It up-regulates MHC class I antigen expression. IL28A is a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1. The ligand/receptor complex seems to signal through the Jak-STAT pathway. It plays a significant role in the antiviral immune defense in the intestinal epithelium.

Storage

Storage:
Store at -20°C

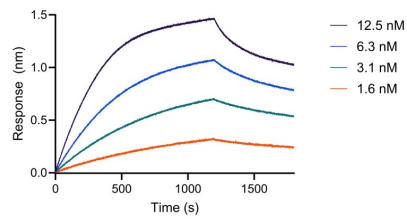
Storage Buffer:
10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA, 0.09% sodium azide

For technical support and original validation data for this product please contact

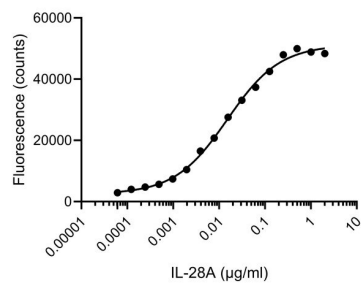
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1(312) 455-8498 (outside USA) W: www.ptglab.com

This product is exclusively available under
Proteintech Group brand and is not available
to purchase from any other manufacturer.

Selected Validation Data



BLI analysis of the capture of varying concentrations of HumanKine IL-28A (HZ-1235) by biotinylated anti-IL-28A VHH (IL28a-b). Please note the higher apparent affinity owing to avidity effects (dimerization of the cytokine).



ELISA analysis of the capture of varying concentrations of HumanKine IL-28A (HZ-1235) by biotinylated anti-IL-28A VHH (IL28a-b). Detection via rabbit polyclonal PTG 22646-1-AP.