

For Research Use Only

anti-Spot recombinant VHH, unconjugated



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Catalog Number: etb

5 Publications

Basic Information

Catalog Number:
etb

Applications:

Suitable for conjugation of dyes, biotin, beads, surfaces etc. via NHS ester reaction. Spot VHH contains a sortase-tag and a His-tag at its C terminus: LPETGHHHHHH. This sequence includes the sortase recognition motif LPETG, for conjugation. In addition, bivalent Spot-VHH may be detected by an anti-His antibody. The Spot VHH corresponds to the "BC2-Nanobody" used by Virant et al in the publication "Nature Communications" (2018) doi:10.1038/s41467-018-03191-2 refdoi:10.1038/s41467-018-03191-2

Host:

Alpaca

Conjugate:

Unconjugated

Type :

Nanobody

Class:

Recombinant

RRID:

AB_2827572

Molecular Weight:

30.3 kDa

Description

Alpaca anti-Spot VHH, purified recombinant binding protein

Specificity/Target

Spot-Tag® sequence PDRVRAVSHWSS

Affinity (K_D)

Dissociation constant K_D of 6 nM

Storage

Storage:

Shipped at ambient temperature. Upon receipt store at 4°C; stable for one year. Do not freeze.

Storage Buffer:

25 mM TAPS pH8.5, 500 mM NaCl, 5 mM EDTA, preservative: 0.09 % sodium azide

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

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

Selected Validation Data

HEK293T spiked with GFP-Spot

0 ng 50 ng 25 ng 12 ng 6 ng 3 ng 1.5 ng



Western blot with Spot VHH.