

For Research Use Only

Nano-Secondary® anti-rabbit IgG, recombinant VHH CoraLite® Plus 555 [CTK0119, CTK0120]

Catalog Number: **srb2GCL555-1**



www.ptglab.com

Basic Information

Catalog Number:
srb2GCL555-1

Applications:
WB, IF

Host:
Alpaca

Conjugate:
CoraLite® Plus 555

Type:
Secondary Nanobody

Class:
Recombinant

RRID:
AB_3094640

Purification Method:
Recombinant expression, affinity purification
IMAC

Description

Nano-Secondary® anti-rabbit IgG, recombinant VHH, is a rabbit IgG-specific antibody. This secondary antibody product consists of nanobodies that binds to the Fc-domain of rabbit IgG with high affinity & specificity.

Species Reactivity

Reactivity: Rabbit IgG
No cross-reactivity: mouse, rat and human IgGs.

Physical State

Liquid

Suggested Dilution

Immunofluorescence 1:500
Western blot: 1:500

Affinity (K_D)

CTK0119: $K_D = 0.2$ nM, CTK120: $K_D = <10$ pM

Storage

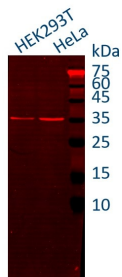
Storage:
Shipped at ambient temperature. Store at +4°C short term or -20°C long term. Stable for 1 year at -20°C.
Storage Buffer:
10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA, Preservative: 0.09 % Sodium azide

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

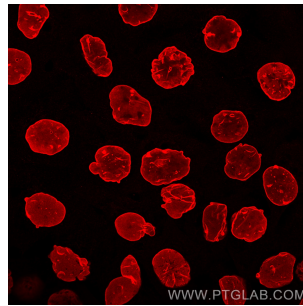
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

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

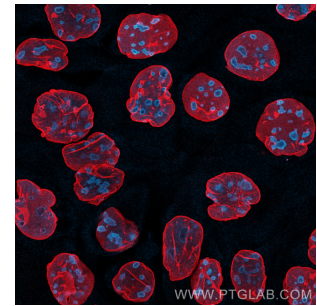
Selected Validation Data



HEK-293 and HeLa cell lysates were subjected to SDS-PAGE followed by fluorescent western blot analysis with rabbit anti-GAPDH antibody (10494-1-AP) and Nano-Secondary® alpaca anti-rabbit IgG, recombinant VHH, CoraLite® Plus 555 (srb2GCL555-1), 1:500.



Immunofluorescence analysis of A431 cells stained with rabbit anti-Lamin B1 antibody (12987-1-AP, red) and Nano-Secondary® alpaca anti-rabbit IgG, recombinant VHH, CoraLite® Plus 555 (srb2GCL555-1), 1:500. Nuclei were stained with DAPI. Images were recorded at the Core Facility Bioimaging at the Biomedical Center, LMU Munich.



Immunofluorescence analysis of A431 cells co-stained with rabbit anti-Lamin B1 antibody (12987-1-AP, red) and mouse anti-B23 antibody (60096-1-Ig, cyan). Nano-Secondary® alpaca anti-rabbit IgG, recombinant VHH, CoraLite® Plus 555 (srb2GCL555-1, 1:500) and Multi-rAb CoraLite® Plus 750-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM006) were used for detection. Images were recorded at the Core Facility Bioimaging at the Biomedical Center, LMU Munich.