

For Research Use Only

Nano-Secondary® anti-rabbit IgG, recombinant VHH CoraLite® Plus 647 [CTK0119, CTK0120]

Catalog Number: **srb2GCL647-1**



www.ptgcn.com

Basic Information

Catalog Number:
srb2GCL647-1

Applications:
WB, IF

Host:
Alpaca

Conjugate:
CoraLite® Plus 647

Type:
Secondary Nanobody

Class:
Recombinant

RRID:
AB_3094641

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

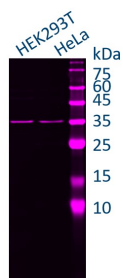
For technical support and original validation data for this product please contact:

T: 4006900926

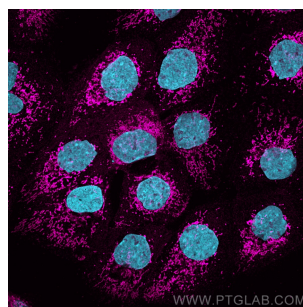
E: Proteintech-CN@ptglab.com
W: www.ptgcn.com

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 647 (srb2GCL647-1), 1:500.



Immunofluorescence analysis of A431 cells stained with rabbit anti-COXIV antibody (11242-1-AP, magenta) and Nano-Secondary® alpaca anti-rabbit IgG, recombinant VHH, CoraLite® Plus 647 (srb2GCL647-1); 1:500. Nuclei were stained with DAPI (blue). Images were recorded at the Core Facility Bioimaging at the Biomedical Center, LMU Munich.

	Mouse IgG1 kappa		[CTK0119]
	Mouse IgG1 lambda		
	Mouse IgG2a kappa		
	Mouse IgG2b kappa		
	Mouse IgE2a kappa		
	Mouse IgG3 kappa		
	Mouse IgE kappa		
	Poly rabbit IgG	●	[CTK0120]
	Rat IgG1 lambda		
	Rat IgG2a kappa		
	Rat IgG2b kappa		
	Human IgG1 kappa		
	Human IgG1 lambda		
	Human IgG2 kappa		

Dot blot assay demonstrates that both clones contributing to Nano-Secondary® alpaca anti-rabbit IgG, recombinant VHH CoraLite Plus 647 [CTK0119, CTK0120] have no cross-reactivity to mouse, rat, or human immunoglobulins.