

For Research Use Only

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

Catalog Number: **srb2GCL647-1**



www.ptglab.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:

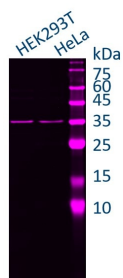
10 mM HEPES pH 7.0, 500 mM NaCl, 5 mM EDTA, Preservative: 0.09 % Sodium azide

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

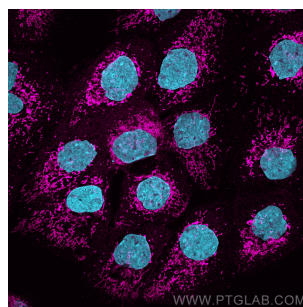
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

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 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 IgG2c 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.