

For Research Use Only

Nano-Secondary® anti-rabbit IgG Fc, recombinant VHH, for 2x Cys conjugation [CTK0119]

Catalog Number: **srb2GCys2-2**



www.ptglab.com

Basic Information

Catalog Number:

srb2GCys2-2

Applications:

IF, WB, FC

Host:

Alpaca

Conjugate:

N- and C-terminal cysteine conjugation with thiol-reactive reagents

Type:

Nano-Secondary® Reagent, secondary Nanobody (VHH)

RRID:

AB_3094643

Description

Monovalent, recombinant secondary single domain antibody to rabbit IgG: alpaca monoclonal Nanobody, Fc-specific, for cysteine conjugation with thiol-reactive reagents, e.g. maleimides

Specificity/Target

Fc-fragment of Rabbit IgG

Affinity

0.2 nM

Storage

Storage:

Shipped on dry ice. Store at -80°C. Avoid freeze-thaw cycles. Stable for 1 year at -80°C.

Storage Buffer:

10 mM HEPES pH 7.0, 500 mM NaCl, 1 mM TCEP, Preservative: 0.09 % Sodium azide

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

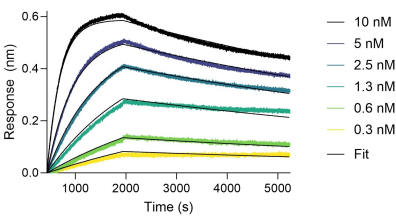
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1(312) 455-8498 (outside USA) W: www.ptglab.com

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

Selected Validation Data

Mouse IgG1 kappa	
Mouse IgG1 lambda	
Mouse IgG2a kappa	
Mouse IgG2b kappa	
Mouse IgG2c kappa	
Mouse IgG3 kappa	
Mouse IgG1 kappa	
Mouse IgG1 lambda	
Poly rabbit IgG	●
Rat IgG1 lambda	
Rat IgG2a kappa	
Rat IgG2b kappa	
Human IgG1 kappa	
Human IgG1 lambda	
Human IgG2 kappa	

CTK0119



Dot blot assay demonstrates that Nano-Secondary® alpaca anti-rabbit IgG Fc, recombinant VHH, for 2x Cys conjugation [CTK0119] has no cross-reactivity to mouse, rat, or human immunoglobulins.

The affinity of Nano-Secondary® alpaca anti-rabbit IgG Fc, recombinant VHH, for 2x Cys conjugation [CTK0119] towards rabbit IgG was determined using biolayer interferometry (BLI). Biotinylated, polyclonal rabbit IgG was immobilized on Streptavidin biosensors and assayed with 0.3 to 10 nM VHH. Fit indicates a 1:1 binding model fitted to the data.