

For Research Use Only

Nano-Secondary® anti-human IgG, recombinant VHH, for 2x Cys conjugation [CTK0117]

Catalog Number: **shuGCys2-2**



www.ptglab.com

Basic Information

Catalog Number:

shuGCys2-2

Applications:

IF, WB, FC

Host:

Alpaca

Conjugate:

Unconjugated

Type:

Secondary Nanobody

RRID:

AB_3075306

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 human IgG

Affinity (K_D)

< 10 pM

Storage

Storage:

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

Storage Buffer:

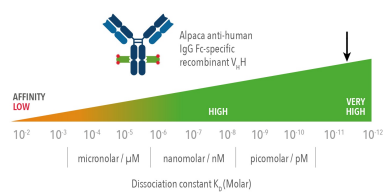
10 mM HEPES pH 7.0, 500 mM NaCl, 1 mM TCEP, Preservative: 0.09 % Sodium azide

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

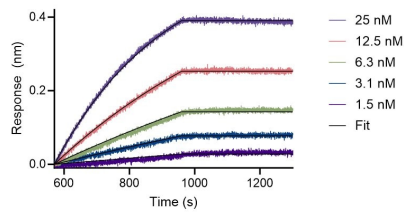
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1(312) 455-8498 (outside USA) W: www.ptglab.com

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

Selected Validation Data



The alpaca anti-human IgG Fc-specific recombinant VHH [CTK0117] has a very high affinity (KD <10 pM) for human IgG primary antibody.



The affinity of anti-human IgG recombinant VHH towards human IgG1 was determined using biolayer interferometry (BLI). Biotinylated, monoclonal human IgG1 was immobilized on Streptavidin biosensors and assayed with 1.5 to 25 nM of anti-human IgG recombinant VHH. Fit indicates a 1:1 binding model fitted to the data.