

For Research Use Only

Nano-Secondary® anti-mouse IgG2a, recombinant VHH, for 2x Cys conjugation [CTK0114]

Catalog Number: smsG2aCys2-1



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Basic Information

Catalog Number:

smsG2aCys2-1

Applications:

IF, WB, FC

Host:

Alpaca-derived, recombinantly produced in bacteria

Conjugate:

Unconjugated

Type:

Secondary Nanobody

Class:

Recombinant

RRID:

AB_2935700

Purification Method:

Recombinant expression, affinity purification IMAC

Description

Monovalent, recombinant secondary single domain antibody to mouse IgG2a: alpaca monoclonal Nanobody, Fc-specific, for cysteine conjugation with thiol-reactive reagents, e.g. maleimides

Species Reactivity

Mouse IgG2a Fc-fragment

No cross-reactivity: goat, guinea pig, rabbit, rat, sheep, human, macaque serum proteins, mouse IgG1, IgG2b, IgG2c, IgG3

Physical State

Liquid

Affinity (K_D)

$K_D < 10$ 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:

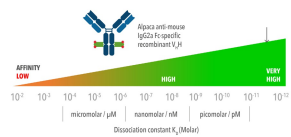
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



The alpaca anti-mouse IgG2a Fc-specific recombinant VHH [CTK0114] has a very high affinity ($K_D < 10 \text{ pM}$) for mouse IgG2a primary antibody.