

For Research Use Only

Nano-Secondary® anti-mouse IgG1 recombinant VHH, Alkaline Phosphatase

Catalog Number: **sms1AP**



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Basic Information

Catalog Number:
sms1AP

Applications:
ELISA

Conjugate:
Alkaline-Phosphatase (recombinantly produced)

Class:
VHH

RRID:
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Description

Nano-Secondary® anti mouse IgG1 recombinant VHH, Alkaline Phosphatase is an anti-mouse IgG1 secondary Nanobody (VHH). It is a fusion of a VHH that binds to mouse IgG (subtype IgG1) with high affinity & specificity, and one AP molecule. Note that AP will dimerize. This product uses recombinant, animal-production free Alkaline-Phosphatase, expressed as fusion-protein with the VHH in E.Coli.

Affinity

$K_D = 0.13 \text{ nM}$

Storage

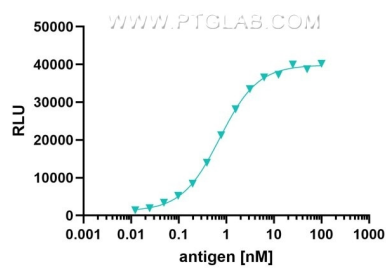
Storage Buffer:
20 mM Tris pH 8.0, 250 mM NaCl, 1 mM MgCl₂, 0.1 mM ZnSO₄, 50% glycerol

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



Anti-human IFN-gamma sandwich ELISA. Anti-human IFN-gamma Uni-rAbTM Recombinant Antibody (Cat.No. 98187-1-RR) direct coated 10 µg/mL on a MaxiSorp plate captures HumanKine® recombinant human IFN-gamma protein (Cat.No. HZ-1301) titrated from 200 – 0,01 nM. Primary NeutraKine® anti-human IFN-gamma Mouse IgG1 McAb (Cat.No. 69007-1-Ig) 1:1000 binds to the captured IFN-gamma antigen and is detected by the Nano-Secondary ® anti-mouse IgG1 recombinant VHH, Alkaline Phosphatase (Cat.No. sms1AP) 1:5000.