

For Research Use Only

Nano-Secondary® anti-rabbit IgG, recombinant VHH CoraLite® Plus 488 [CTK0119, CTK0120]

Catalog Number: srb2GCL488-1

1 Publications



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Basic Information

Catalog Number:

srb2GCL488-1

Applications:

WB, IF

Host:

Alpaca

Conjugate:

CoraLite® Plus 488

Type:

Secondary Nanobody

Class:

Recombinant

RRID:

AB_3094639

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:

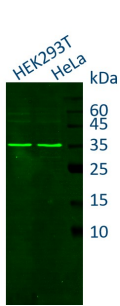
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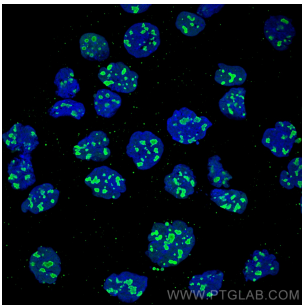
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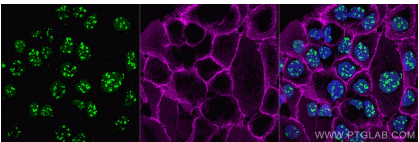
Selected Validation Data



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 488 (srb2GCL488-1), 1:500.



Immunofluorescence analysis of A431 cells stained with rabbit anti-NCL antibody (10556-1-AP, green) and Nano-Secondary® alpaca anti-rabbit IgG, recombinant VHH, CoraLite® Plus 488 (srb2GCL488-1), 1:500. Nuclei were stained with DAPI (blue). Images were recorded at the Core Facility Bioimaging at the Biomedical Center, LMU Munich.



Immunofluorescence analysis of A431 cells co-stained with anti-EGFR antibody (cetuximab biosimilar, hulgG1, magenta) and anti-NCL antibody (10556-1-AP, green). Nano-Secondary® alpaca anti-human IgG, recombinant VHH, CoraLite® Plus 647 (shuGCL647-2), 1:500 and Nano-Secondary® alpaca anti-rabbit IgG, recombinant VHH, CoraLite® Plus 488 (srb2GCL488-1), 1:500 were used for detection. Nuclei were stained with DAPI. Merged image on the right shows an overlay of both channels and DAPI (blue). Images were recorded at the Core Facility Bioimaging at the Biomedical Center, LMU Munich.