

Alpaca anti-Mouse IgG2b Nano (VHH) Recombinant Secondary Antibody, Alexa Fluor™ 488

Product Details	
Size	10 µL
Species Reactivity	Mouse
Host/Isotype	Alpaca / IgG2b
Expression system	E. coli
Class	Recombinant Monoclonal
Type	Secondary Antibody
Clone	CTK0105/CTK0106
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
Immunogen	Purified mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2868381

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:1,000	-
Dot blot (DB)	Assay-dependent	-
Immunomicroscopy (IM)	1:1,000	-

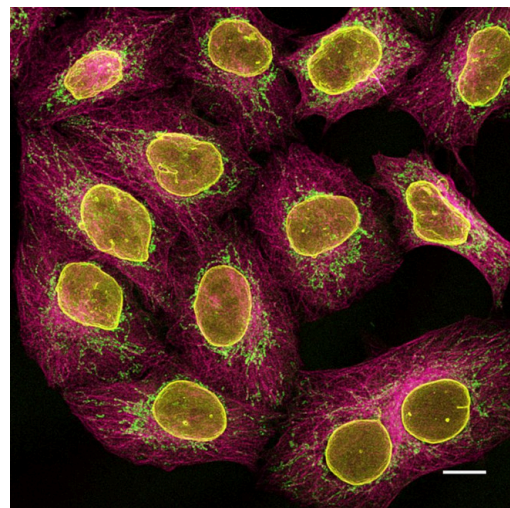
Product Specific Information

Biclonal nanobodies specific for mouse IgG2b Fc. CTK0105: KD = 5 nM, CTK0106: KD = 0.2 nM

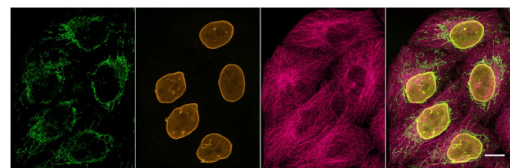
Non Cross-Reactivity includes: Rabbit, rat, goat, sheep, guinea pig, human, and macaque serum and to mouse IgG1, IgG2a, IgG2c, and IgG3.

Rapid workflow: Simultaneous incubation of mouse IgG2b primary antibody and Alpaca anti-mouse IgG2b Nano (VHH) recombinant secondary antibody.

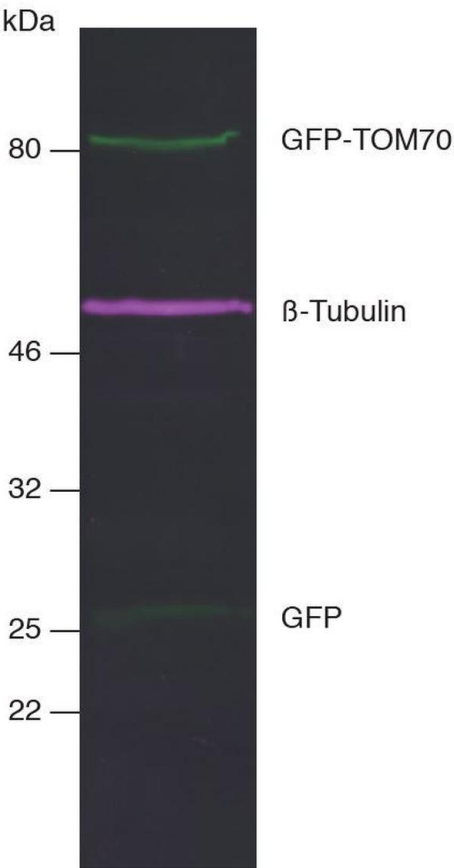
Offered through a partnership with ChromoTek



Mouse IgG2b Nano (VHH) Secondary Antibody (SA5-10334) in ICC/IF
Immunofluorescence analysis in HeLa cells. Samples were incubated with mouse IgG1 anti-COX4 (green); mouse IgG2b anti-Tubulin (magenta); rabbit anti-Lamin (yellow) primary antibodies and followed by Mouse IgG2b (Fc-specific VHH) secondary antibody (Product # SA5-10335), alpaca anti-mouse IgG1 VHH Alexa Fluor 488; alpaca anti-mouse IgG2b VHH Alexa Fluor 647; and alpaca anti-rabbit IgG VHH Alexa Fluor 568.



Mouse IgG2b Nano (VHH) Secondary Antibody (SA5-10334) in ICC/IF
Immunofluorescence analysis in HeLa cells. Samples were incubated with mouse IgG1 anti-COX4 (green); Lamin (yellow); Tubulin (magenta) primary antibodies and followed by Mouse IgG2b (Fc-specific VHH) secondary antibody (Product # SA5-10335), alpaca anti-mouse IgG1 VHH Alexa Fluor 488; alpaca anti-rabbit IgG VHH Alexa Fluor 568; and alpaca anti-mouse IgG2b VHH Alexa Fluor 647.



Mouse IgG2b Nano (VHH) Secondary Antibody (SA5-10334) in WB
Western Blot analysis in HEK293T cells. Samples were incubated with GFP-TOM70, beta-Tubulin, and GFP (Green: rabbit anti-GFP; Magenta: mouse anti-beta-Tubulin) primary antibodies and followed by Mouse IgG2b (Fc-specific VHH) secondary antibody (Product # SA5-10335), alpaca anti-rabbit IgG VHH Alexa Fluor 488; and alpaca anti-mouse IgG2b VHH Alexa Fluor 647.

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