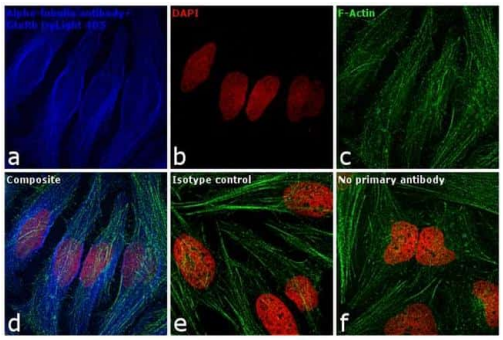
Goat anti-Rabbit IgG (H+L) Secondary Antibody, DyLight™ 405

Product Details	
Size	100ul
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	DyLight™ 405
Immunogen	Purified Rabbit IgG, whole molecule
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 1% BSA
Contains	0.02% sodium azide
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1000-1:10000	-
Immunohistochemistry (IHC)	1:50-1:500	-
Immunocytochemistry (ICC/IF)	1:50-1:500	-
Flow Cytometry (Flow)	1:25 - 1:100	-

Product Images For Goat anti-Rabbit IgG (H+L) Secondary Antibody, DyLight™ 405



Rabbit IgG (H+L) Secondary Antibody (35551) in ICC/IF
Immunofluorescence analysis of Goat anti-Rabbit IgG (H+L) Secondary Antibody, DyLight 405 (Product # 35551) was performed using HeLa cells stained with alpha Tubulin Rabbit Polyclonal Antibody (Product # PA5-16891). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, blocked with 1% BSA for 1 hour and labeled with 2 µg/mL of rabbit primary antibody for 3 hours at room temperature. Goat anti-Rabbit IgG (H+L) Secondary Antibody, DyLight 405 (Product # 35551) was used at concentration of 4 µg/mL in phosphate buffered saline containing 0.2 % BSA for 45 minutes at room temperature, for detection of alpha Tubulin in the cytoplasm (Panel a: blue). Nuclei (Panel b: red) were stained with 7-AAD Red fluorescent counterstain from the SelectFX Nuclear labeling kit, SYTOXTM (Product # S33025). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300) (Panel c: green). Panel d represents the composite image. No nonspecific staining was observed with the secondary antibody alone (panel f), or with an isotype control (panel e). The images were captured at 60X magnification.

9 References

Exchange of cellular components between platelets and tumor cells: impact on tumor cells behavior. Theranostics (2022)

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The RNA helicase DDX5 promotes viral infection via regulating N6-methyladenosine levels on the DHX58 and NFB transcripts to dampen antiviral innate immunity. PLoS Pathog (2021)

Myelination of parvalbumin interneurons shapes the function of cortical sensory inhibitory circuits. Nat Commun (2020)

ALV-J inhibits autophagy through the GADD45/MEKK4/P38MAPK signaling pathway and mediates apoptosis following autophagy. Cell Death Dis (2020)