Goat anti-Rabbit IgG (H+L) Cross-Adsorbed ReadyProbes™ Secondary Antibody, Alexa Fluor™ 488

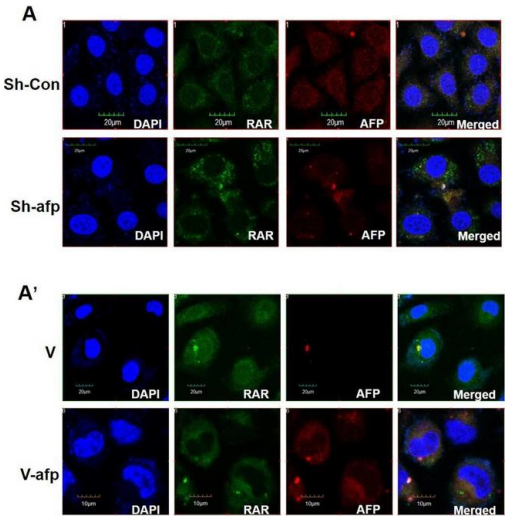
Product Details	
Size	2 x 2.5 mL
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
Immunogen	Gamma Immunoglobin
Form	Liquid
Purification	Affinity chromatography
Storage buffer	PBS with 0.1% BSA
Contains	<0.1% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2556544

Applications	Tested Dilution	Publications
Western Blot (WB)	-	0 Publication
Immunohistochemistry (IHC)	-	0 Publication
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	0 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	0 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	0 Publication
Flow Cytometry (Flow)	Assay-Dependent	-
Miscellaneous PubMed (Misc)	-	0 Publication

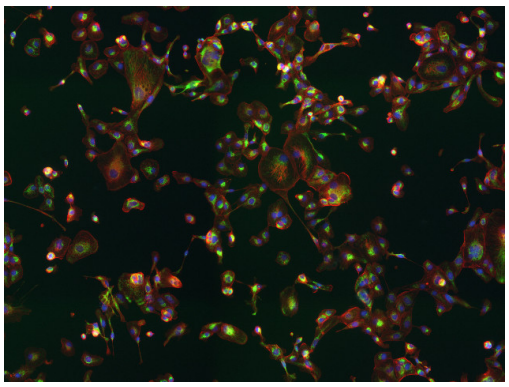
Product Specific Information

No pipetting or dilutions required. Just tip and drip two drops per mL buffer to stain your cells.

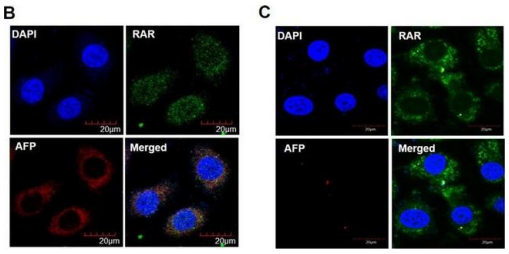
Product Images For Goat anti-Rabbit IgG (H+L) Cross-Adsorbed ReadyProbes™ Secondary Antibody, Alexa Fluor™ 488



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (R37116) in ICC/IF
AFP attenuated RAR mediated of ATG7 expression in HCC cells. (A) and (A'). Localization of AFP (red) and RAR (green) in AFP-shRNA923-transfected PLC /PRF/5 cells (A) and pcDNA3.1-afp-transfected HLE cells (A') were detected with immunofluorescence and observed with confocal microscopy. (B) and (B'). Co-IP was carried out to detect the interaction between AFP and RAR in AFP knockdown or ectopic expression in PLC/PRF/5 cells (B) or HLE cells (B'), respectively. (C) and (C'). Effects of AFP knockdown or ectopic expression on ATG7 expression in PLC/PRF/5 cells (C) and HLE (C') cells were analyzed by Western blotting. GAPDH was used as loading control. Densitometry quantification were performed, and ratio of ATG7 to GAPDH were calculated. *P < 0.05, Two tailed Student's t test. Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/33495541), licensed under a CC BY license.



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (R37116) in ICC/IF
CAKI cells were plated on coverslips overnight. The next day cells were fixed and permeabilized using the Image-iT® Fixation/Permeabilization Kit (Product # R37602) according to protocol. Following suppression of background binding using Image-iT® FX Signal enhancer (Product # R37107), cells were incubated with 3 µg/mL anti-ATP synthase subunit IF1 (Product # A-21355) for labeling of mitochondria for 30 min at room temperature and washed three times with dPBS, followed by Alexa Fluor® 594 goat anti-rabbit IgG antibody ReadyProbes® reagent (Product # R37117) for 30 min and washed three times in dPBS. Cells were labeled with NucBlue® Live (Product # R37605) and ActinGreen™ 488 ReadyProbes® reagent (Product # R37110) according to protocol. Coverslips were then mounted using ProLong® Gold antifade reagent (Product # P36930). Individual images were acquired on the EVOS® FL Auto imaging system with a 10X objective (Product # AMEP4681) and stitched to a panorama using the tile /stitch function.



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (R37116) in ICC/IF
AFP interacted with RAR in cytoplasm of HCC cells. (A) Western blotting was used for analysis of expression of AFP in PLC/PRF/5 and HLE cells. (B) and (C). Expression and localization of AFP and RAR were analyzed with confocal microscopy in PLC/PRF/5 (B) and HLE (C) cells. (D) and (E). In PLC/PRF/5 (D) and HLE (E) cells, Co-IP was employed to detect the interaction of AFP and RAR. The images captured by confocal microscope are representatives of experiments that were repeated at least three times. Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov /33495541), licensed under a CC BY license.

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185 References

The endogenous antioxidant ability of royal jelly in Drosophila is independent of Keap1/Nrf2 by activating oxidoreductase activity. Insect Sci (2024)

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