

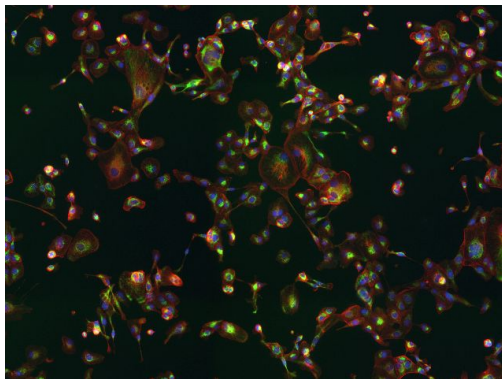
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed ReadyProbes™ Secondary Antibody, Alexa Fluor 488

Product Details	
Size	2 x 2.5 mL
Species Reactivity	Rabbit
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor® 488
Immunogen	Gamma Immunoglobulin
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	Published
Immunohistochemistry (Frozen) (IHC (F))	-	1:500	3 Publications
Immunocytochemistry (ICC)	✓	Assay Dependent	5 Publications
Western Blot (WB)	-		2 Publications
Immunohistochemistry (IHC)	-	1:1000	1 Publication
Flow Cytometry (Flow)	✓	Assay-Dependent	
Immunofluorescence (IF)	✓	Assay-Dependent	

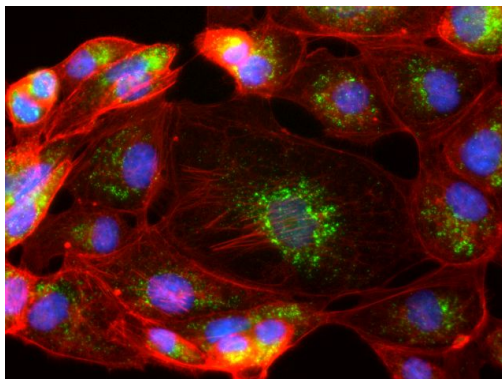
Product Specific Information

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



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (R37116) in 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.



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11 References

Immunohistochemistry (Frozen) (3)

Methods in molecular biology (Clifton, N.J.)

Isolation, Cryosection and Immunostaining of Skeletal Muscle.

"R37116 was used in immunohistochemistry - frozen section to detail a protocol to identify satellite cells in skeletal muscle sections"

Authors: Ortuste Quiroga HP,Goto K,Zammit PS

Species
Not Applicable

Dilution
1:500

Year
2018

Scientific reports

Non-invasive, Focused Ultrasound-Facilitated Gene Delivery for Optogenetics.

"R37116 was used in immunohistochemistry - frozen section to develop a noninvasive technique to introduce optogenetic channels into the brain by temporarily opening the blood-brain barrier"

Authors: Wang S,Kugelman T,Buch A,Herman M,Han Y,Karakatsani ME,Hussaini SA,Duff K,Konofagou EE

Species
Not Applicable

Dilution
1:250

Year
2017

[View more IHC \(F\) references on thermofisher.com](#)

Immunocytochemistry (5)

Biochimica et biophysica acta. Molecular cell research

Up-regulation of the active form of small GTPase Rab13 promotes macroautophagy in vascular endothelial cells.

"R37116 was used in immunocytochemistry to identify Rab13 as an autophagy regulator in vascular endothelial cells"

Authors: Zhang L,Dai F,Cui L,Zhou B,Guo Y

Species
Not Applicable

Dilution
Not Cited

Year
2017

Journal of neurochemistry

Synthesis and deposition of basement membrane proteins by primary brain capillary endothelial cells in a murine model of the blood-brain barrier.

"R37116 was used in immunocytochemistry to examine several models of the murine blood brain barrier for expression and secretion of major basement membrane proteins from murine brain capillary endothelial cells"

Authors: Thomsen MS,Birkelund S,Burkhart A,Stensballe A,Moos T

Species
Not Applicable

Dilution
1:200

Year
2017

[View more ICC references on thermofisher.com](#)

More applications with references on thermofisher.com

WB (2) **IHC (1)**

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