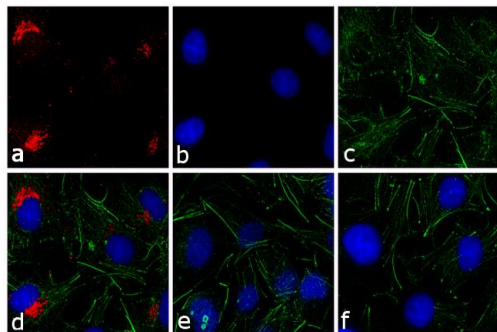


# F(ab')<sub>2</sub>-Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 633

Product Details	
Size	500 µg
Species Reactivity	Rabbit
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor® 633
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage Conditions	4° C, store in dark
RRID	AB_2535733

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	4 µg/mL	2 Publications
Miscellaneous PubMed (MISC)	-		1 Publication
Flow Cytometry (Flow)	✓	1-10 µg/mL	
Immunofluorescence (IF)	✓	4 µg/mL	

**Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21072) in IF**  
 Immunofluorescence analysis of F(ab')<sub>2</sub>-Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 633 was performed using HepG2 cells stained with alpha-1 antitrypsin Rabbit Polyclonal Primary Antibody (Product # PA5-16661). 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 Rabbit primary antibody (1:250 dilution) for 3 hours at room temperature. F(ab')<sub>2</sub>-Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 633 (Product # A-21072) was used at a concentration of 4 µg/mL in phosphate buffered saline containing 0.2 % BSA for 45 minutes at room temperature, for detection of alpha-1 antitrypsin in the cytoplasm (Panel a: red). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). 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.



### 3 References

#### Immunocytochemistry (2)

##### Scientific reports

#### FSH protects mouse granulosa cells from oxidative damage by repressing mitophagy.

"A21072 was used in immunocytochemistry to show that follicle-stimulating hormone promotes granulosa cell survival by suppressing oxidative stress-induced mitophagy"

Authors: Shen M, Jiang Y, Guan Z, Cao Y, Sun SC, Liu H

**Species**  
Not Applicable

**Dilution**  
1:200

**Year**  
2016

##### Diabetes

#### Retinal microglial activation and inflammation induced by amadori-glycated albumin in a rat model of diabetes.

"A-21072 was used in immunocytochemistry to elucidate the mechanisms by which diabetes activates microglia"

Authors: Ibrahim AS, El-Remessy AB, Matragoon S, Zhang W, Patel Y, Khan S, Al-Gayyar MM, El-Shishtawy MM, Liou GI

**Species**  
Not Applicable

**Dilution**  
1:500

**Year**  
2011

#### Miscellaneous PubMed (1)

##### Molecular biology of the cell

#### Critical roles for multiple formins during cardiac myofibril development and repair.

Authors: Rosado M, Barber CF, Berciu C, Feldman S, Birren SJ, Nicastro D, Goode BL

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2014

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