

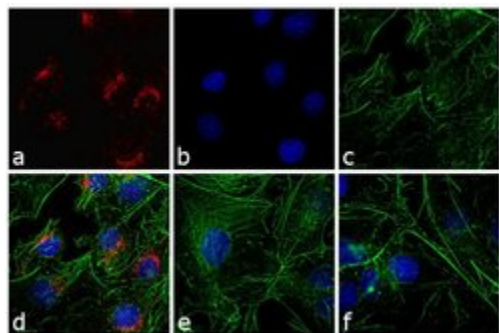
F(ab')₂-Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 555

Product Details	
Size	500 µg
Species Reactivity	Rabbit
Published Species	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor® 555
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_2535851

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	2 Publications
Immunocytochemistry (ICC/IF)	4 µg/mL	16 Publications
Miscellaneous PubMed (Misc)	-	3 Publications

Product Specific Information

Product will be shipped at Room Temperature.



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21430) in ICC/IF
Immunofluorescence analysis of F(ab')₂-Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 555 (Product # A-21430) was performed using HepG2 cells stained with alpha-1 antitrypsin Rabbit Polyclonal 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')₂-Goat anti-Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 555 was used at concentration of 4µg/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: green). 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: red). 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.

26 References

Immunohistochemistry (4)

Frontiers in neuroanatomy

Projections of the Diencephalospinal Dopaminergic System to Peripheral Sense Organs in Larval Zebrafish (*Danio rerio*).

"A-21430 was used in Immunohistochemistry to demonstrate that the diencephalospinal A11-type dopaminergic system can modulate the peripheral senses in *Danio rerio*."

Authors: Haehnel-Taguchi M, Fernandes AM, Böhler M, Schmitt I, Tittel L, Driever W

Species
Rabbit

Dilution
1:1000

Year
2020

EMBO reports

PRC1-labeled microtubule bundles and kinetochore pairs show one-to-one association in metaphase.

"A21430 was used in immunohistochemistry to report that in a metaphase spindle more than 90% of overlap bundles act as a bridge between sister k-fibers"

Authors: Polak B, Risteski P, Lesjak S, Toli IM

Species
Not Applicable

Dilution
Not Cited

Year
2017

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

Immunohistochemistry (Paraffin) (1)

Future science OA

New synthesis and biodistribution of the D-amino acid oxidase-magnetic nanoparticle system.

"A-21430 was used in immunohistochemistry - paraffin section to discuss the use and limitations of D-amino acid oxidases conjugated to magnetic nanoparticles"

Authors: Cappellini F, Recordati C, Maglie M, Pollegioni L, Rossi F, Daturi M, Gornati R, Bernardini G

Species
Not Applicable

Dilution
Not Cited

Year
2015

Immunohistochemistry (Frozen) (2)

American journal of physiology. Heart and circulatory physiology

Dysfunction of mitochondria and deformed gap junctions in the heart of IL-18-deficient mice.

"A-21430 was used in immunohistochemistry - frozen section to characterize cardiac defects in interleukin-18 knock out mice"

Authors: Li W, Jin D, Hata M, Takai S, Yamanishi K, Shen W, El-Darawish Y, Yamanishi H, Okamura H

Species
Not Applicable

Dilution
Not Cited

Year
2016

More applications with references on thermofisher.com

ICC/IF (16)

Misc (3)

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