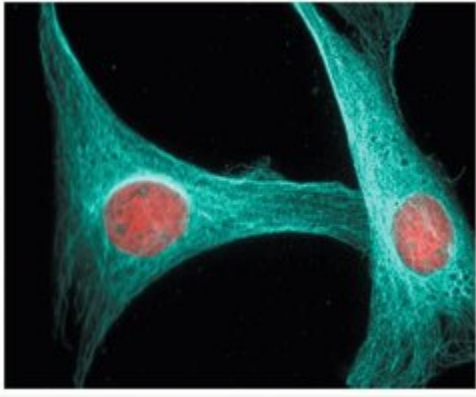


# Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 405

| Product Details    |  |
|--------------------|--|
| Size               | 1 mg                                       |
| Species            | Mouse                                      |
| Published Species  | Mouse                                      |
| Expression System  | Goat / IgG                                 |
| Class              | Polyclonal                                 |
| Type               | Secondary Antibody                         |
| Conjugate          | Alexa Fluor® 405                           |
| 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_221604                                  |

| Applications                            | Tested Dilution | Publications    |
|---|-----------------|-----------------|
| Flow Cytometry (Flow)                   | 1-10 µg/mL      | -               |
| Immunocytochemistry (ICC)               | 1-10 µg/mL      | 10 Publications |
| Immunofluorescence (IF)                 | 1-10 µg/mL      | 1 Publication   |
| Immunohistochemistry (IHC)              | 1-10 µg/mL      | 9 Publications  |
| Immunohistochemistry (Frozen) (IHC (F)) | -               | 3 Publications  |
| Miscellaneous PubMed (Misc)             | -               | 18 Publications |

## Product Images For Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 405



**Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (A-31553) in IF**  
Microtubules of NIH 3T3 cells labeled with mouse anti- $\alpha$ -tubulin monoclonal IgG<sub>1</sub> antibody (Product # A11126) and visualized with blue-fluorescent Alexa Fluor® 405 goat anti-mouse IgG antibody (Product # A-31553). Nuclei were stained with red-fluorescent propidium iodide (Product # P1304MP, P3566, P21493).

## 41 References

### Immunohistochemistry (9)

#### Nature communications

#### Rebalancing of actomyosin contractility enables mammary tumor formation upon loss of E-cadherin.

"A-31553 was used in Immunohistochemistry to unmask the direct consequences of E-cadherin inactivation in the mammary gland and identify aberrant actomyosin contractility as a critical barrier to ILC formation."

Authors: Schipper K,Seinstra D,Paulien Drenth A,van der Burg E,Ramovs V,Sonnenberg A,van Rheenen J,Nethe M,Jonkers J

#### Species

Mouse  
Not Applicable

#### Dilution

1:100  
1:100

#### Year

2019

#### Cell reports

#### Corticostratial Transmission Is Selectively Enhanced in Striatonigral Neurons with Postnatal Loss of Tsc1.

"A-31553 was used in Immunohistochemistry to investigate the consequences of mTORC1 dysregulation on striatal neuron function, by deleting the mTORC1 negative regulator Tsc1 from identified striatonigral and striatopallidal neurons and examining how cellautonomous upregulation of mTORC1 activity affects their morphology and physiology."

Authors: Benthall KN,Ong SL,Bateup HS

#### Species

Mouse  
Not Applicable

#### Dilution

1:500  
1:500

#### Year

2018

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

### Miscellaneous PubMed (18)

#### Nature communications

#### Rebalancing of actomyosin contractility enables mammary tumor formation upon loss of E-cadherin.

"A-31553 was used in Immunohistochemistry to unmask the direct consequences of E-cadherin inactivation in the mammary gland and identify aberrant actomyosin contractility as a critical barrier to ILC formation."

Authors: Schipper K,Seinstra D,Paulien Drenth A,van der Burg E,Ramovs V,Sonnenberg A,van Rheenen J,Nethe M,Jonkers J

#### Species

Mouse  
Not Applicable

#### Dilution

1:100  
1:100

#### Year

2019

#### Cell reports

#### MAP7D2 Localizes to the Proximal Axon and Locally Promotes Kinesin-1-Mediated Cargo Transport into the Axon.

"A-31553 was used in Immunocytochemistry-immunofluorescence to determine the mechanism by which the axonal entry of kinesin-1-dependent cargo transport is regulated."

Authors: Pan X,Cao Y,Stucchi R,Hooikaas PJ,Portegies S,Will L,Martin M,Akhmanova A,Harterink M,Hoogenraad CC

#### Species

Mouse  
Not Applicable

#### Dilution

Not Cited  
Not Cited

#### Year

2019

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

### More applications with references on thermofisher.com

ICC (10)

IHC (F) (3)

IF (1)

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