

Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 514

Product Details

Size	1 mg
Species Reactivity	Rabbit
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Alexa Fluor® 514
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_2536173

Applications

Tested Dilution

Publications

Immunohistochemistry (IHC)	1-10 µg/mL	-
Immunocytochemistry (ICC/IF)	1-10 µg/mL	3 Publications
Flow Cytometry (Flow)	1-10 µg/mL	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

The yellow-green fluorescent Alexa Fluor 514 dye is far superior to fluorescein in both brightness and photostability, and it can be detected with standard fluorescein, Oregon Green dye or Alexa Fluor 488 dye filter sets. By using instruments that collect spectral distribution information, the signal from the Alexa Fluor 514 dye can be distinguished from both the Alexa Fluor 488 and Alexa Fluor 500 dyes.

Product will be shipped at Room Temperature.

4 References

Immunocytochemistry (3)

Free radical biology & medicine

DUX4-induced constitutive DNA damage and oxidative stress contribute to aberrant differentiation of myoblasts from FSHD patients.

"A-31558 was used in immunocytochemistry to suggest that DNA damage induction is a novel function of DUX4 that affects myogenic differentiation of facioscapulohumeral dystrophy myoblasts"

Authors: Dmitriev P, Bou Saada Y, Dib C, Anseau E, Barat A, Hamade A, Dessen P, Robert T, Lazar V, Louzada RAN, Dupuy C, Zakharova V, Carnac G, Lipinski M, Vassetzky YS

Species
Not Applicable

Dilution
1:100

Year
2016

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

Colocalization of Estrogen Receptors with the Fluorescent Tamoxifen Derivative, FLTX1, Analyzed by Confocal Microscopy.

"A-31558 was used in immunocytochemistry to describe the use of FLTX1, a novel fluorescent tamoxifen derivative, to label estrogen receptors"

Authors: Morales A, Marín R, Marrero-Alonso J, Boto A, Díaz M

Species
Not Applicable

Dilution
Not Cited

Year
2016

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

Miscellaneous PubMed (1)

Immunity

Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver.

"A-31558 was used in Immunohistochemistry-immunofluorescence to highlight considerable heterogeneity within the macrophage pool and suggest a need for more specific macrophage targeting strategies in metabolic-associated fatty liver disease (MAFLD)."

Authors: Remmerie A, Martens L, Thoné T, Castoldi A, Seurinck R, Pavie B, Roels J, Vanneste B, De Prijck S, Vanhockerhout M, Binte Abdul Latib M, Devisscher L, Hoorens A, Bonnardel J, Vandamme N, Kremer A, Borghgraef P, Van Vlierberghe H, Lippens S, Pearce E, Saey Y, Scott CL

Species
Not Applicable

Dilution
Not Cited

Year
2020

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