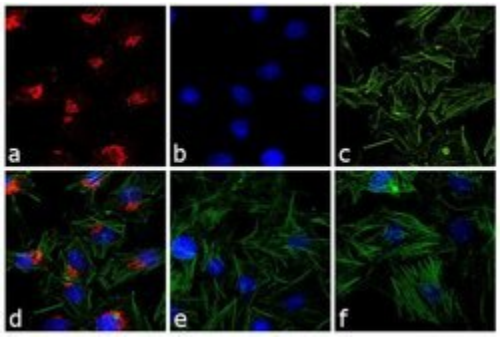
Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Texas Red

Product Details	
Size	1 mg
Species	Rabbit
Published Species	Rabbit
Expression System	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Texas Red®
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_2556776

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	4 µg/mL	6 Publications
Immunofluorescence (IF)	4 µg/mL	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Miscellaneous PubMed (Misc)	-	112 Publications
Western Blot (WB)	-	1 Publication

Product Images For Goat anti-Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Texas Red



Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody (T-2767) in IF
Immunofluorescence analysis of Goat anti-Rabbit IgG (H+L) Secondary Antibody, Texas Red was performed using Hep G2 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. Goat anti-Rabbit IgG (H+L) Secondary Antibody, Texas Red (T2767) 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.

122 References

Immunofluorescence (1)

Redox biology

Reduced levels of methyltransferase DNMT2 sensitize human fibroblasts to oxidative stress and DNA damage that is accompanied by changes in proliferation-related miRNA expression.

"T-2767 was used in Immunofluorescence to find that DNMT2 may take part in the regulation of cell proliferation and longevity in human fibroblasts and speculate that the manipulation of DNMT2 levels that limits cell proliferation may be potentially useful anticancer strategy."

Authors: Lewinska A,Adamczyk-Grochala J,Kwasniewicz E,Deregowska A,Semik E,Zabek T,Wnuk M

Species
Rabbit
Not Applicable

Dilution
1:1000
1:1000

Year
2018

Miscellaneous PubMed (112)

Redox biology

Reduced levels of methyltransferase DNMT2 sensitize human fibroblasts to oxidative stress and DNA damage that is accompanied by changes in proliferation-related miRNA expression.

"T-2767 was used in Immunofluorescence to find that DNMT2 may take part in the regulation of cell proliferation and longevity in human fibroblasts and speculate that the manipulation of DNMT2 levels that limits cell proliferation may be potentially useful anticancer strategy."

Authors: Lewinska A,Adamczyk-Grochala J,Kwasniewicz E,Deregowska A,Semik E,Zabek T,Wnuk M

Species
Rabbit
Not Applicable

Dilution
1:1000
1:1000

Year
2018

Nature communications

AhR and SHP regulate phosphatidylcholine and S-adenosylmethionine levels in the one-carbon cycle.

"T-2767 was used in Immunohistochemistry on paraffin embedded tissues to identify new physiological regulators of Phosphatidylcholines/S-adenosylmethionine levels, aryl hydrocarbon receptor and small heterodimer partner."

Authors: Kim YC,Seok S,Byun S,Kong B,Zhang Y,Guo G,Xie W,Ma J,Kemper B,Kemper JK

Species
Not Applicable

Dilution
1:200

Year
2018

View more Misc references on thermofisher.com

Immunocytochemistry (6)

Molecular cell

High-Density Proximity Mapping Reveals the Subcellular Organization of mRNA-Associated Granules and Bodies.

"T-2767 was used in Immunocytochemistry-immunoflourescence to report preexisting contacts between most core SG proteins under normal growth conditions and demonstrate that several core SG proteins (UBAP2L, CSDE1, and PRRC2C) are critical for the formation of microscopically visible SGs."

Authors: Youn JY,Dunham WH,Hong SJ,Knight JDR,Bashkurov M,Chen GI,Bagci H,Rathod B,MacLeod G,Eng SWM, Angers S,Morris Q,Fabian M,Côté JF,Gingras AC

Species
Rabbit
Not Applicable

Dilution
1:500
1:500

Year
2018

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More applications with references on thermofisher.com

WB (1) **IHC (1)** **IHC (P) (1)**