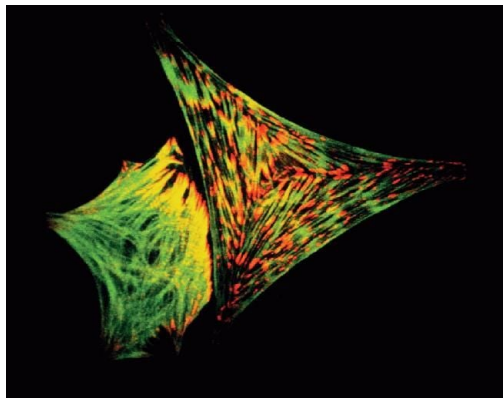


# Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Texas Red-X

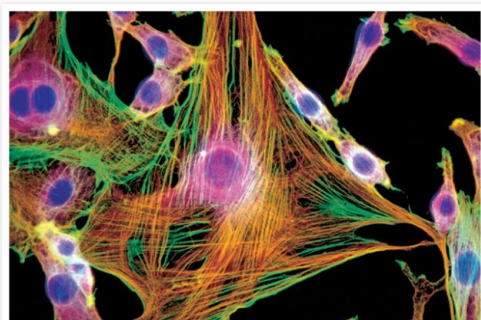
Product Details	
Size	1 mg
Species Reactivity	Mouse
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Texas Red®-X
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage Conditions	4° C, store in dark
RRID	AB_2556781

Applications	Tested	Dilution	Published
Immunohistochemistry (Frozen) (IHC (F))	-	1:200	1 Publication
Immunohistochemistry (IHC)	-	1:500	2 Publications
Miscellaneous PubMed (MISC)	-	1:1000	177 Publications
Immunocytochemistry (ICC)	✓	1-10 µg/mL	1 Publication
Immunofluorescence (IF)	✓	1-10 µg/mL	



**Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (T-862) in IF**

Actin labeled with BODIPY FL phalloidin (B607) and vinculin, a cytoskeletal focal adhesion protein, tagged with a monoclonal anti-vinculin antibody that was subsequently probed with Texas Red goat anti-mouse IgG antibody (T862). The large triangular cell is a fibroblast containing green actin stress fibers terminating in red focal adhesions. The neighboring polygonal cell, a rat neonatal cardiomyocyte, contains green striated actin in the myofibrils terminating in the focal adhesions. The close apposition of the two stains results in a yellowish-orange color. Image contributed by Mark B. Snuggs and W. Barry VanWinkle, University of Texas, Houston.



**Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (T-862) in IF**

Photomicrograph of mouse fibroblasts that have been formaldehyde-fixed, acetone-permeabilized and triple-stained with the F-actin-specific probe BODIPY® FL phalloidin (Product # B607), with mouse monoclonal anti- $\beta$ -tubulin antibody in conjunction with Texas Red® goat anti-mouse IgG antibody (Product # T-862) and with DAPI (Product # D1306, D3571, D21490). The image was obtained by taking multiple exposures through bandpass optical filter sets appropriate for fluorescein, Texas Red® dye and DAPI using a 100X Plan Achromat objective.

## 181 References

### Immunohistochemistry (Frozen) (1)

<b>PloS one</b> <b>Cold Shock Proteins Are Expressed in the Retina Following Exposure to Low Temperatures.</b> "T862 was used in immunohistochemistry - frozen section to detail the effects of hypothermia on retinal cold shock protein expression" Authors: Larrayoz IM, Rey-Funes M, Contartese DS, Rolón F, Sarotto A, Dorfman VB, Loidl CF, Martínez A	<b>Species</b> Not Applicable <b>Dilution</b> 1:200 <b>Year</b> 2017
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### Immunohistochemistry (2)

<b>Scientific reports</b> <b>The small molecule AUTEN-99 (autophagy enhancer-99) prevents the progression of neurodegenerative symptoms.</b> "T862 was used in immunohistochemistry to analyze a small molecule library for novel autophagy-enhancing factors that inhibit the myotubularin-related phosphatase MTMR14/Jumpy" Authors: Kovács T, Billes V, Komlós M, Hotzi B, Manzéger A, Tarnóci A, Papp D, Szikszai F, Szinyákovic J, Rác Á, Noszál B, Veszélka S, Walter FR, Deli MA, Hackler L, Alföldi R, Huzian O, Puskas LG, Liliom H, Tárnok K, Schlett K, Borsy A, Welker E, Kovács AL, Pádár Z, Erds A, Legradi A, Bjelik A, Gulya K, Gulyás B, Vellai T	<b>Species</b> Not Applicable <b>Dilution</b> 1:500 <b>Year</b> 2017
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<b>Stem cells translational medicine</b> <b>Delivery of differentiation factors by mesoporous silica particles assists advanced differentiation of transplanted murine embryonic stem cells.</b> "T-862 was used in immunohistochemistry to evaluate mesoporous silica particles as a delivery carrier of differentiation factors for stem cell transplantation." Authors: Garcia-Bennett AE, Kozhevnikova M, König N, Zhou C, Leao R, Knöpfel T, Pankratova S, Trolle C, Berezin V, Bock E, Aldskogius H, Kozlova EN	<b>Species</b> Not Applicable <b>Dilution</b> 1:200 <b>Year</b> 2013
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### Miscellaneous PubMed (177)

<b>PLoS pathogens</b> <b>Intracellular Theileria annulata promote invasive cell motility through kinase regulation of the host actin cytoskeleton.</b> "T-862 was used in immunocytochemistry to elucidate the acquired motility and invasiveness of T. annulata-infected cells." Authors: Ma M, Baumgartner M	<b>Species</b> Not Applicable <b>Dilution</b> 1:1000 <b>Year</b> 2014
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## ICC (1)

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