



## Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594

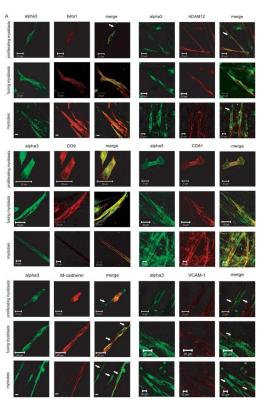
<b>Product Details</b>	
Size	1 mg
Species Reactivity	Goat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Туре	Secondary Antibody
Conjugate	Alexa Fluor™ 594
Excitation/Emission Max	590/618 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2534124

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5000-1:10,000	0 Publication
Immunohistochemistry (IHC)	1-10 μg/mL	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Immunocytochemistry (ICC/IF)	0.5-10 μg/mL	0 Publication
Flow Cytometry (Flow)	-	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

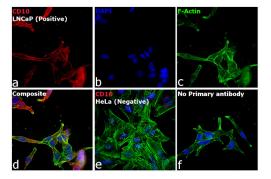
## **Product Specific Information**

Product will be shipped at Room Temperature.

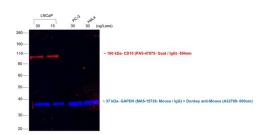
Product Images For Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594



Goat IgG (H+L) Cross-Adsorbed Secondary Antibody (A-11080) in ICC/IF Interactions beetween adhesion proteins during myoblast differentiation in vitro.A - colocalization of integrin alpha3 (green) and integrin beta1, ADAM12, CD9, CD81, M-cadherin, or VCAM-1 (red). Scale bars 50 µm. Arrows show the area where colocalization was not observed. B - Immunoprecipitation of integrin alpha3 and subsequent Western blotting analysis of CD9, CD81, M-cadherin, and V-CAM-1, c - control immunoblotting with whole cell lysate. C - interactions of analysed adhesion proteis during myoblasts differentiation. The table sumarize current study and previous results [38]. Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/23671573), licensed under a CC BY license.



Goat IgG (H+L) Cross-Adsorbed Secondary Antibody (A-11080) in ICC/IF Immunofluorescence analysis of Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594 (Product # A-11080) was performed using LNCaP cells stained with CD10 Polyclonal Antibody (Product # PA5-47075). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, blocked with 2% BSA for 1 hour and labeled with 1:100 dilution of primary antibody for 3 hours at room temperature. The cells were probed with Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594 (Product # A-11080, 1:3000 dilution) in 0.1% BSA in PBS for 45 minutes at room temperature. Membrane localization of CD10 was seen in LNCaP (Panel a: Green). Nuclei (Panel b: Blue) were stained with Hoechst33342 (Product # H1399). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379, 1:300). Panel d represents the composite image. The specificity of the secondary antibody was proved by the absence of signal in HeLa (negative model for CD10) due to no primary antibody binding (Panel e). Nonspecific staining was not observed with secondary antibody alone (panel f). The images were captured at 40X magnification in CellInsight CX7 LZR High-Content Screening (HCS) Platform (Product # CX7A1110LZR) and externally deconvoluted (D.Sage et al./Methods 115 (2017) 28-41).



Goat IgG (H+L) Cross-Adsorbed Secondary Antibody (A-11080) in WB Multiplexed fluorescent western blot was performed using Rabbit anti-Goat IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594 (Product # A-11080). Membrane enriched extracts of LNCap (Lane 1, 2), PC-3 (Lane 3) and HeLa (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were transferred onto anitrocellulose membrane (Product # IB23001) byiBlot® 2 Dry BlottingSystem (Product # IB21001). The blot was probed with CD10 Polyclonal Antibody (Product # PA5-47075) and GAPDH Loading Control Monoclonal Antibody (GA1R) (Product # MA5-15738). Secondary antibodies (Product # A-11080, 1: 10,000 dilution) and (Product # A32789, 1:20,000 dilution) were used for detection of CD10 and GAPDH respectively. Fluorescent detection was performed usingiBright™FL1500 (Product # A44115). The anti-goat secondary antibody (Product # A-11080) specifically detects the goat primary antibody.

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## **□ 80 References**

Hyaluronic acid stimulation of stem cells for cardiac repair: a cell-free strategy for myocardial infarct Research Square (2023)

Pan-cancer analysis of Krüppel-like factor 3 and its carcinogenesis in pancreatic cancer. Front Immunol (2023)

Spinal cord repair is modulated by the neurogenic factor Hb-egf under direction of a regeneration-associated enhancer. Nat Commun (2023)

Distinct evolution of type I glutamine synthetase in Plasmodium and its species-specific requirement. Nat Commun (2023)

Neuronal p58IPK Protects Retinal Ganglion Cells Independently of Macrophage/Microglia Activation in Ocular Hypertension. Cells (2023)

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