



Goat anti-Human IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

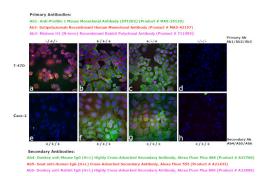
Product Details	
Size	1 mg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Туре	Secondary Antibody
Conjugate	Alexa Fluor™ 555
Excitation/Emission Max	553/568 nm
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	2 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.5
Contains	5mM sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2535854

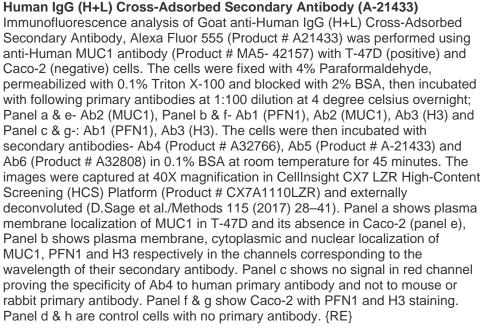
Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (IHC)	1-10 μg/mL	0 Publication
Immunocytochemistry (ICC/IF)	1-10 μg/mL	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

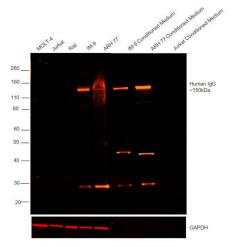
Product Specific Information

Product will be shipped at Room Temperature.

Product Images For Goat anti-Human IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

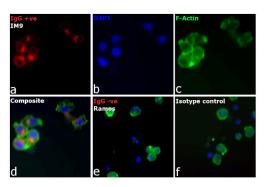






Human IqG (H+L) Cross-Adsorbed Secondary Antibody (A-21433) Antibody specificity was demonstrated by detection of differential basal expression of IgG across cell lines owing to their inherent genetic constitution. Relative expression of Human IgG was observed in IM-9, ARH-77 and IM-9, using Goat anti-Human IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 555 (Product # A-21433) in Western Blot. IM-9 and ARH-77 express and

ARH-77 conditioned medium (CM) but not in Raji, MOLT-4, Jurkat and Jurkat CM secrete IgG whereas Raji is known to express IgM. MOLT-4 and Jurkat (T-cell lines) do not express immunoglobulins. (DOI:10.1002/eji.1830100305;10.3791 /3573;10.1016/0022-1759(94)00286-6;PMID: 566614). {RE}



Human IgG (H+L) Cross-Adsorbed Secondary Antibody (A-21433) in ICC/IF Immunofluorescence analysis of Goat anti-Human IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 555 was performedusing log phase IM9 cells (IgG producing B-cell line). The cells were fixed with 4% paraformaldehyde for 10 minutes,permeabilized with 0.1% Triton™ X-100 for 15 minutes and blocked with 2% BSA for 1 hour at room temperature. The cellswere labeled with Goat anti-Human IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor 555 (Product # A-21433) at 1:250dilution in 0.1% BSA, incubated at 4 degreecelsiusovernight (Panel a: red). Nuclei (Panel b: blue) were stained with Hoechst33342 (Product # H1399). F-actin (Panel c: green) was stained with Alexa Fluor™ 488 Phalloidin (Product # A12379,1:300 dilution). Panel d represents the merged image showing cytoplasmic (plasma membrane andgolgibody like)localization. Panel e represents Ramos (IgG non-producing B-cell line) which is a negative model for IgG expression. Panel f represents control cells with isotype control antibody to assess background. 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).

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□ 100 References

The Q226L mutation can convert a highly pathogenic H5 2.3.4.4e virus to bind human-type receptors bioRxiv (2025)

TNK2 Inhibitor (R)-9bMS Causes Polyploidization Through Mitotic Failure by Targeting Aurora B. Cell Biochem Funct (2024)

The exopolysaccharide Poly-N-Acetyl-Glucosamine (PNAG) coatsKlebsiella pneumoniae in vivo bioRxiv (2024)

Evidence of membranolytic targeting and intracellular citrullination in neutrophils isolated from patients with rheumatoid arthritis. Sci Rep (2024)

Bispecific GD2 x B7-H3 Antibody Improves Tumor Targeting and Reduces Toxicity while Maintaining Efficacy for Neuroblastoma bioRxiv (2024)

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