

ZO-1 Monoclonal Antibody (ZO1-1A12), Alexa Fluor™ 555

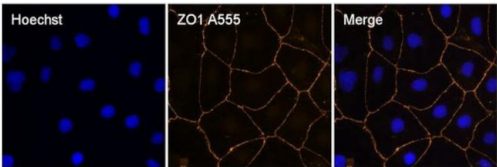
Product Details	
Size	50 µL
Species Reactivity	Dog, Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	ZO1-1A12
Conjugate	Alexa Fluor™ 555
Excitation/Emission Max	553/568 nm
Immunogen	Human recombinant ZO-1 fusion protein encompassing amino acids 334-634
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2663168

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	1-10 µg/mL	2 Publications

Product Images For ZO-1 Monoclonal Antibody (ZO1-1A12), Alexa Fluor™ 555

ZO-1 Antibody (MA3-39100-A555) in ICC/IF

Immunofluorescent analysis of ZO-1 (orange) in Caco-2 cells. The cells were fixed with 4% Paraformaldehyde in PBS for 15 minutes at room temperature, and blocked with 3% BSA in PBS (Product # 37525) for 30 minutes at room temperature. Cells were stained with a ZO-1 Monoclonal Antibody, AlexaFluor 555 conjugate (Product # MA3-39100-A555) at a dilution of 5 µg/mL in blocking buffer for 1 hour at room temperature protected from light. Nuclei (blue) were stained with Hoechst Dye (Product # 62249) at a dilution of 1:10,000 in blocking buffer. Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.



Immunocytochemistry (2)

<p>Frontiers in immunology</p> <p>Age-Related Differences in Structure and Function of Nasal Epithelial Cultures From Healthy Children and Elderly People.</p> <p>"MA3-39100-A555 was used in Immunocytochemistry to determine age-related differences in structural and functional properties of primary nasal epithelial cultures from healthy children and non-smoking elderly people."</p> <p>Authors: Balázs A,Millar-Büchner P,Mülleder M,Farztdinov V,Szyrwiel L,Addante A,Kuppe A,Rubil T,Drescher M,Seidel K,Stricker S,Eils R,Lehmann I,Sawitzki B,Röhmel J,Ralser M,Mall MA</p>	<p>Year</p> <p>2022</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:300</p>
<p>Nature biomedical engineering</p> <p>Single-cell-resolved differentiation of human induced pluripotent stem cells into pancreatic duct-like organoids on a microwell chip.</p> <p>"MA3-39100-A555 was used in Immunocytochemistry to eport the single-cell characterization of the differentiation of pancreatic duct-like organoids (PDLOs) from human induced pluripotent stem cells (hiPSCs) on a microwell chip that facilitates the uniform aggregation and chemical induction of hiPSC-derived pancreatic progenitors."</p> <p>Authors: Wiedenmann S,Breunig M,Merkle J,von Toerne C,Georgiev T,Moussus M,Schulte L,Seufferlein T,Sterr M,Lickert H,Weissinger SE,Möller P,Hauck SM,Hohwieler M,Kleger A,Meier M</p>	<p>Year</p> <p>2021</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:200</p>

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