

# ATP1A1 Monoclonal Antibody (M7-PB-E9), Alexa Fluor™ 555

Product Details	
Size	50 µL
Species Reactivity	Bovine, Dog, Chicken, Human, Mouse, Sheep, Pig, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	M7-PB-E9
Conjugate	Alexa Fluor™ 555
Excitation/Emission Max	553/568 nm
Immunogen	Purified alpha sodium/potassium ATPase from sheep kidney
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
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_2633349

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	1-10 µg/mL	-

## Product Specific Information

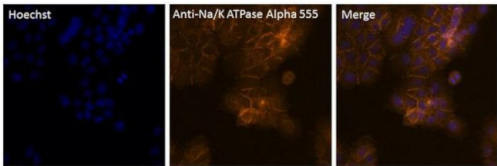
MA3928A555 detects sodium/potassium ATPase alpha from human, mouse, bovine, sheep, canine, chicken and porcine tissues. This antibody detects the alpha 3 isoform in rat only.

The MA3928A555 antigen is purified sheep kidney alpha sodium/potassium ATPase. This antibody recognizes an epitope between amino acid residues 646 and 652 of the sheep kidney alpha sodium/potassium ATPase.

## Product Images For ATP1A1 Monoclonal Antibody (M7-PB-E9), Alexa Fluor™ 555

### ATP1A1 Antibody (MA3-928-A555) in ICC/IF

Immunofluorescent analysis of Na/K ATPase Alpha (orange) in HeLa 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 Na/K ATPase Alpha Monoclonal Antibody, AlexaFluor 555 conjugate (Product # MA3-928-A555) at a dilution of 2.5 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.



Immunohistochemistry (1)

<p>The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society</p> <p><b>Leptin and the obesity receptor (OB-R) in the small intestine and colon: a colocalization study.</b></p> <p>"Published figure using ATP1A1 monoclonal antibody (Product # MA3-928-A555) in Immunofluorescence"</p> <p>Authors: Hansen GH,Niels-Christiansen LL,Danielsen EM</p>	<p>Year 2008</p>
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