

# ATP1A1 Monoclonal Antibody (M7-PB-E9), Alexa Fluor 488

Product Details	
Size	50 µl
Species Reactivity	Bovine, Dog, Chicken, Human, Mouse, Sheep, Pig, Rat
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	M7-PB-E9
Conjugate	Alexa Fluor® 488
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_2662373

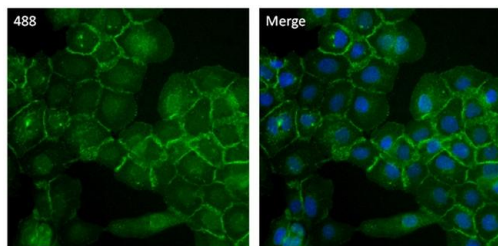
Applications	Tested	Dilution	Published
Immunofluorescence (IF)	✓	1-10 µg/mL	1 Publication
Immunocytochemistry (ICC)	✓	1-10 µg/mL	

## Product Specific Information

MA3928A488 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 MA3928A488 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 488



### ATP1A1 Antibody (MA3-928-A488) in IF

Immunofluorescent analysis of Na/K ATPase Alpha (green) in A431 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 488 conjugate (Product # MA3-928-A488) 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.

## 1 Reference

### Immunofluorescence (1)

The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society

#### Leptin and the obesity receptor (OB-R) in the small intestine and colon: a colocalization study.

"Published figure using ATP1A1 monoclonal antibody (Product # MA3-928-A488) in Immunofluorescence"

Authors: Hansen GH, Niels-Christiansen LL, Danielsen EM

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2008

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.