

ATP1A1 Monoclonal Antibody (464.6)

Product Details

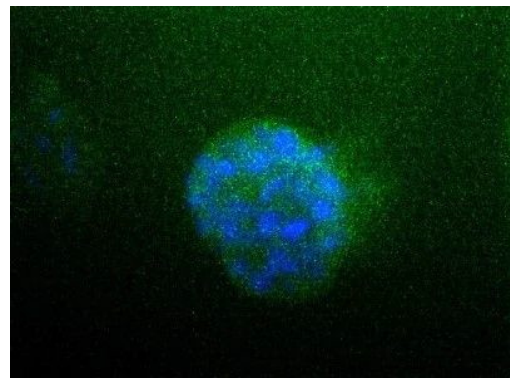
Size	50 µL
Species Reactivity	Bovine, Dog, Fruit fly, Guinea pig, Human, Mouse, Non-human primate, Sheep, Pig, Rabbit, Rat, Xenopus, Yeast
Published Species	Rat, Amphibian, Human, Rhesus monkey, Guinea pig
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	464.6
Conjugate	Unconjugated
Immunogen	Purified Na,K-ATPase from rabbit renal outer medulla.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2060993

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	4 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Immunohistochemistry (Frozen) (IHC (F))	1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:1,000	2 Publications
Flow Cytometry (Flow)	1:50-1:200	-
Immunoprecipitation (IP)	Assay-Dependent	-

Product Specific Information

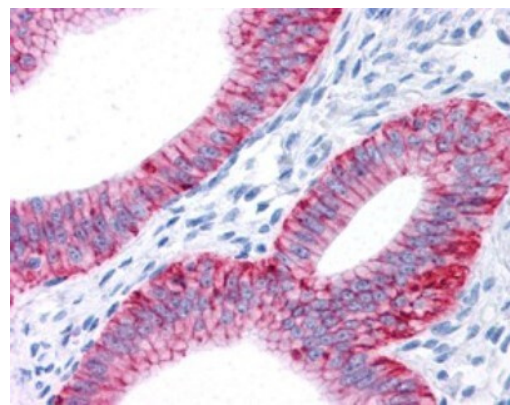
Do not boil samples prior to Western Blot.

Product Images For ATP1A1 Monoclonal Antibody (464.6)



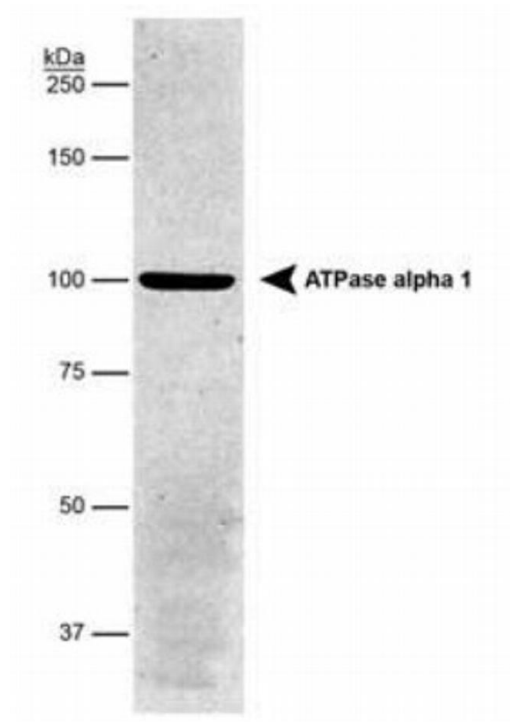
ATP1A1 Antibody (MA1-16731) in ICC/IF

Immunocytochemistry analysis of ATP1A1 in HepG2 cells. Samples were incubated in ATP1A1 monoclonal antibody (Product # MA1-16731). ATPA1 (Green). Nuclei (Blue) were counterstained using Hoechst 33258.



ATP1A1 Antibody (MA1-16731) in IHC (P)

Immunohistochemical analysis of ATP1A1 in human endometrial glands within the uterus. Samples were incubated in ATP1A1 monoclonal antibody (Product # MA1-16731). Note the absence of staining in the surrounding myometrial smooth muscle.



ATP1A1 Antibody (MA1-16731) in WB

Western blot analysis of ATP1A1 in porcine proximal tubule protein. Sample was incubated in ATP1A1 monoclonal antibody (Product # MA1-16731).

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Western Blot (4)

<p>Medicine international</p> <p>Na⁺/K⁺ATPase subunit 3 expression is associated with the efficacy of digitoxin treatment in pancreatic cancer cells.</p> <p>"MA1-16731 was used in Flow Cytometry, Immunocytochemistry, Immunohistochemistry (Frozen), Immunohistochemistry (Paraffin), Immunoprecipitation, Western Blot to investigate the effects of digitoxin in relation to the expression of the subunits ATP1A1 and ATP1A3 using three pancreatic cancer cell lines AsPC-1, Panc-1 and CFPAC-1."</p> <p>Authors: Lindholm H,Ejeskär K,Szekeres F</p>	<p>Year 2023</p> <p>Species Human</p> <p>Dilution 1:1000</p>
<p>The Journal of physiology</p> <p>Changes in cellular Ca²⁺ and Na⁺ regulation during the progression towards heart failure in the guinea pig.</p> <p>"Published figure using ATP1A1 monoclonal antibody (Product # MA1-16731) in Immunocytochemistry"</p> <p>Authors: Ke HY,Yang HY,Francis AJ,Collins TP,Surendran H,Alvarez-Laviada A,Firth JM,MacLeod KT</p>	<p>Year 2020</p> <p>Species Guinea pig</p> <p>Dilution 1:200</p>

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Immunohistochemistry (2)

<p>Stem cell reports</p> <p>Pluripotent stem cell-derived corneal endothelial cells as an alternative to donor corneal endothelium in keratoplasty.</p> <p>"Published figure using ATP1A1 monoclonal antibody (Product # MA1-16731) in Immunohistochemistry"</p> <p>Authors: Ali M,Khan SY,Gottsch JD,Hutchinson EK,Khan A,Riazuddin SA</p>	<p>Year 2021</p> <p>Species Rhesus monkey</p>
<p>European journal of oral sciences</p> <p>Gene-expression profile and localization of Na⁺/K⁽⁺⁾-ATPase in rat enamel organ cells.</p> <p>"Published figure using ATP1A1 monoclonal antibody (Product # MA1-16731) in Western Blot"</p> <p>Authors: Wen X,Lacruz RS,Smith CE,Paine ML</p>	<p>Year 2014</p> <p>Species Rat</p>

More applications with references on thermofisher.com

ICC/IF (2)

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