

## ATP1A1 Monoclonal Antibody (M7-PB-E9)

Product Details	
Size	400 µL
Species reactivity	Bovine, Dog, Chicken, Human, Mouse, Sheep, Pig, Rat
Published species	Dog, Human, Mouse, Rabbit, Rat, Sheep
Host / Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	M7-PB-E9
Conjugate	Unconjugated
Immunogen	Purified alpha sodium/potassium ATPase from sheep kidney.
Form	Liquid
Concentration	1.87 mg/mL
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C, Avoid Freeze/Thaw Cycles
RRID	AB_2060976

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay-dependent	-
Flow Cytometry (Flow)	-	1 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	3 Publications
Immunohistochemistry (IHC)	-	6 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100	1 Publication
Immunomicroscopy (IM)	-	1 Publication
Immunoprecipitation (IP)	Assay-dependent	-
Western Blot (WB)	1:500-1:5,000	15 Publications

### Product Specific Information

MA3-928 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.

MA3-928 has been successfully used in Western blot, immunohistochemistry, immunoprecipitation, immunocytochemistry, immunofluorescence, and ELISA procedures. By Western blot, this antibody detects an ~110 kDa protein representing alpha sodium/potassium ATPase from MDCK cell extract. Immunohistochemical staining of alpha sodium/potassium ATPase in porcine heart with MA3-928 yields a pattern consistent with the plasma membrane localization.

The MA3-928 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.

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