

Sodium/Potassium ATPase alpha 1 antibody [M7-PB-E9]

Cat. No. GTX22871

Host	Mouse
Clonality	Monoclonal
Isotype	lgG1
Applications	WB, ICC/IF, IHC-P, FCM, IP, ELISA, IHC
Reactivity	Human, Mouse, Rat, Sheep, Bovine, Dog, Chicken, Pig

References (1)
Package
200 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution	
WB	1:500-1:5000	
ICC/IF	1:20	
IHC-P	1:100	
FCM	Assay dependent	
IP	Assay dependent	
ELISA	Assay dependent	
IHC	Assay dependent	
Not tested in other applications.		
Calculated MW	113 kDa. (<u>Note</u>)	
Product Note	This antibody recognizes an epitope between amino acid residues 646 and 652 of the sheep kidney alpha sodium/potassium ATPase. In rat, this antibody can only detects the alpha 3 isoform.	

Properties	
Form	Liquid
Buffer	Buffer, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Purified alpha sodium/potassium ATPase from sheep kidney.
Purification	Protein A purified



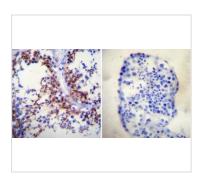
For full product information, images and publications, please visit our <u>website</u>.

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Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX22871 IHC-P Image

IHC-P analysis of human testis tissue using GTX22871 Sodium/Potassium ATPase alpha 1 antibody [M7-PB-

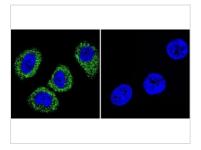
Left: Primary antibody

Right: Negative control without primary antibody

Antigen retrieval: heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer,

microwaved for 8-15 minutes

Dilution: 1:200



GTX22871 ICC/IF Image

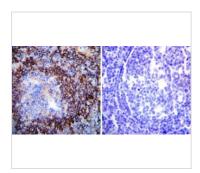
ICC/IF analysis of MCF-7 cells using GTX22871 Sodium/Potassium ATPase alpha 1 antibody [M7-PB-E9]. Cells were probed without (right) or with(left) an antibody.

Green: Primary antibody

Blue: Nuclei

Fixation: formaldehyde

Dilution: 1:20 overnight at 4°C



GTX22871 IHC-P Image

IHC-P analysis of human tonsil tissue using GTX22871 Sodium/Potassium ATPase alpha 1 antibody [M7-PB-E9].

Left: Primary antibody

Right: Negative control without primary antibody

Antigen retrieval: heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer,

microwaved for 8-15 minutes

Dilution: 1:200



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