

Sodium/Potassium ATPase alpha 1 antibody [M8-P1-A3]

Cat. No. GTX22872

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, Neutralizing/Inhibition
Reactivity	Human, Mouse, Rat, Yeast, Sheep, Dog, Pig, Primate

References (1)

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:200-1:2000
ICC/IF	1/50 - 1/200
IHC-P	1/100 - 1/2000
IHC-Fr	1:100
FCM	1/20 - 1/100
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

Calculated MW 113 kDa. ([Note](#))

Product Note This antibody recognizes an epitope between amino acid residues 496-506 of lamb kidney sodium/potassium ATPase.

Properties

Form	Liquid
Buffer	PBS, 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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Lamb kidney alpha 1 sodium/potassium ATPase.
Purification	Protein A purified
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

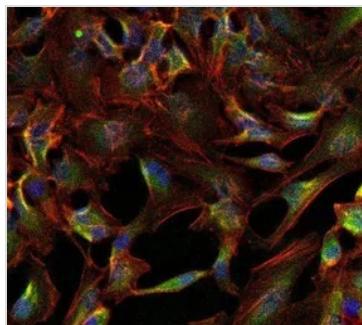
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

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

**GTX22872 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTX22872 Sodium/Potassium ATPase alpha 1 antibody [M8-P1-A3].

Green : Primary antibody

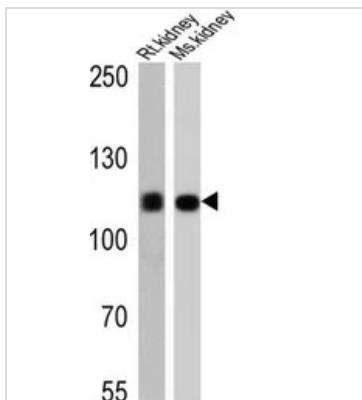
Blue : Nuclei

Red : Actin

Fixation : Formalin

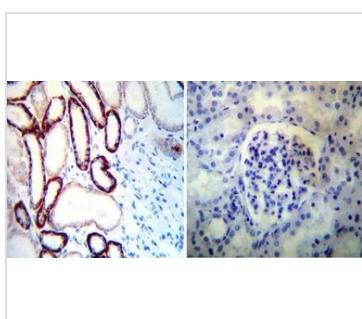
Permeabilization : 0.1% Triton X-100 in TBS for 15 minutes at room temperature

Dilution : 1:100 for at least 1 hour at room temperature

**GTX22872 WB Image**

WB analysis of 25 ug of rat kidney (lane 1) and mouse kidney (lane 2) using GTX22872 Sodium/Potassium ATPase alpha 1 antibody [M8-P1-A3].

Dilution : 1:1000

**GTX22872 IHC-P Image**

IHC-P analysis of human kidney tissue using GTX22872 Sodium/Potassium ATPase alpha 1 antibody [M8-P1-A3].

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 : 1:100



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