

## SERCA2 ATPase antibody [2A7-A1]

Cat. No. GTX22861

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Sheep, Drosophila, Dog, Guinea pig, Pig, Amphibians, Xenopus, Rodent

References ( 1 )

Package

100 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	1:100-1:250
IHC-P	1 µg/ml
IHC-Fr	1:100
FCM	1:20
IP	Assay dependent

Not tested in other applications.

**Calculated MW** 110 kDa. ( [Note](#) )**Product Note** This antibody recognizes the SERCA2a and SERCA2b isoforms identically. However, the antibody does not recognize the skeletal muscle (SERCA1) or housekeeping isoforms (SERCA3).

## Properties

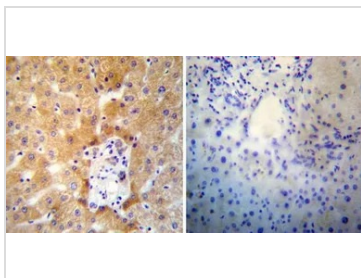
<b>Form</b>	Liquid
<b>Buffer</b>	Ascites
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Immunogen</b>	Purified canine cardiac sarcoplasmic reticulum vesicles.
<b>Purification</b>	Unpurified
<b>Conjugation</b>	Unconjugated

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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**

**GTX22861 IHC-P Image**

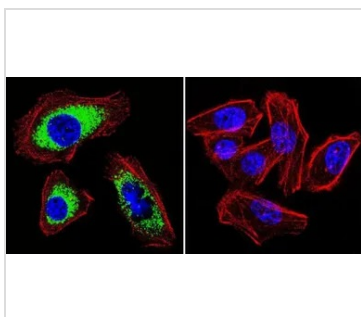
IHC-P analysis of human liver tissue using GTX22861 SERCA2 ATPase antibody [2A7-A1].

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


**GTX22861 ICC/IF Image**

ICC/IF analysis of A549 cells using GTX22861 SERCA2 ATPase antibody [2A7-A1]. Cells were probed without (right) or with(left) an antibody.

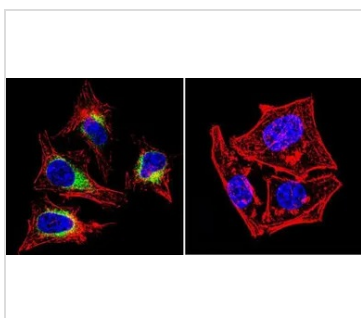
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C


**GTX22861 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTX22861 SERCA2 ATPase antibody [2A7-A1]. Cells were probed without (right) or with(left) an antibody.

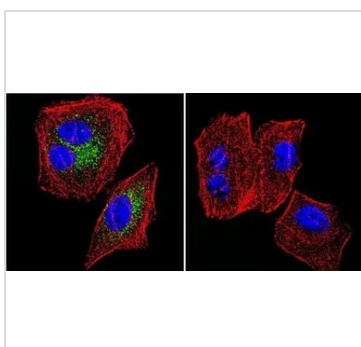
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C


**GTX22861 ICC/IF Image**

ICC/IF analysis of U251 cells using GTX22861 SERCA2 ATPase antibody [2A7-A1]. Cells were probed without (right) or with(left) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C



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