

## Cav1.1 antibody [1A]

**Cat. No. GTX22862**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Guinea pig, Fish

References ( 1 )

Package

200 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	Assay dependent
IHC-P	1:20
IHC-Fr	1:200
FCM	1µg/test
IP	Assay dependent

Not tested in other applications.

**Calculated MW** 212 kDa. ( [Note](#) )**Product Note** This product can be used to inhibit the DHP-sensitive calcium current in BC3H1 mouse muscle cells.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<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>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Purified rabbit muscle T-tubule dihydropyridine receptor.
<b>Purification</b>	Protein A purified
<b>Conjugation</b>	Unconjugated



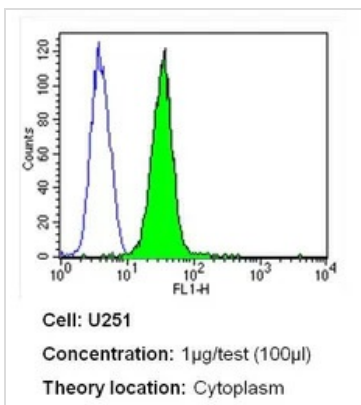
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

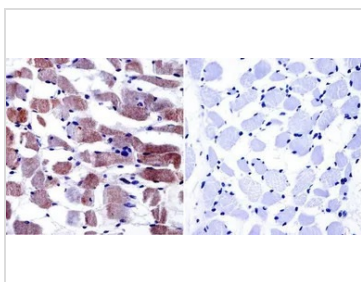
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX22862 FCM Image**

FACS analysis of U251 cells using GTX22862 Cav1.1 antibody [1A] compared to an isotype control (blue).  
 Dilution : 1ug/test for 40 min at room temperature  
 Fixation : 2% paraformaldehyde



**GTX22862 IHC-P Image**

IHC-P analysis of human skeletal muscle tissue using GTX22862 Cav1.1 antibody [1A].  
 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 : 1:20



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