

CACNA2D1 antibody [20A]

Cat. No. GTx22864

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM
Reactivity	Human, Mouse, Rat, Rabbit, Guinea pig, Pig, Fish

References (1)

Package

100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	1:250
IHC-P	1:500
IHC-Fr	1:500
FCM	1:100-1:200

Not tested in other applications.

Calculated MW 125 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	Ascites
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.
Immunogen	Purified rabbit dihydropyridine receptor.
Purification	Unpurified
Conjugation	Unconjugated

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

Note

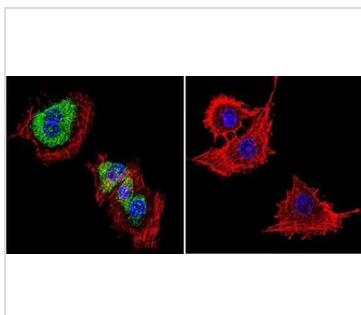
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DATA IMAGES

**GTX22864 ICC/IF Image**

ICC/IF analysis of PC-12 cells using GTX22864 CACNA2D1 antibody [20A]. Cells were probed without (right) or with(left) an antibody.

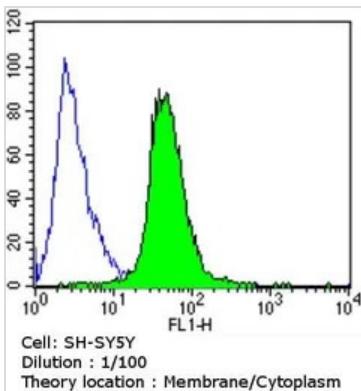
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

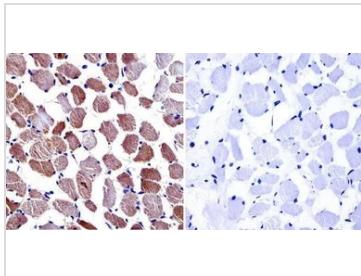
Dilution : 1:20 overnight at 4°C

**GTX22864 FCM Image**

FACS analysis of SH-SY5Y cells using GTX22864 CACNA2D1 antibody [20A] compared to an isotype control (blue).

Dilution : 1:100 for 60 min at room temperature

Fixation : 2% paraformaldehyde

**GTX22864 IHC-P Image**

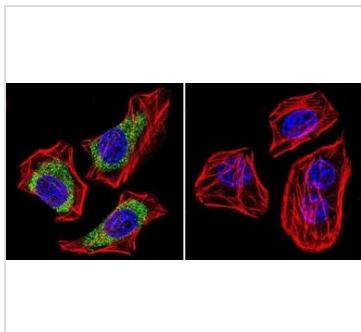
IHC-P analysis of human skeletal muscle tissue using GTX22864 CACNA2D1 antibody [20A].

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

**GTX22864 ICC/IF Image**

ICC/IF analysis of U251 cells using GTX22864 CACNA2D1 antibody [20A]. Cells were probed without (right) or with(left) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:100 overnight at 4 °C



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