CACNA2D1 antibody [20A]

Cat. No. GTX22864

Host	Mouse
Clonality	Monoclonal
lsotype	lgG2a
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
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Not tested in other applications.

Calculated MW

125 kDa. (<u>Note</u>)

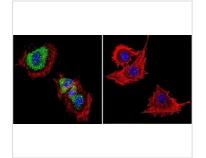
Properties	
Form	Liquid
Buffer	Ascites
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen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



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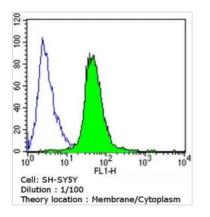
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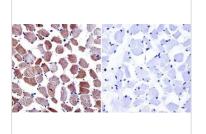
DATA IMAGES

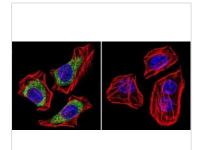


GTX22864 ICC/IF Image

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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