

Calmodulin antibody [2D1]

Cat. No. GTX22860

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, IHC-Fr, FACS, ELISA, IHC, Neutralizing/Inhibition
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Fungi, Shrew, Bacteria

Reference (2)

Package

200 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	1:50
IHC-P	Assay dependent
IHC-Fr	1:20
FACS	2µg per 10 ⁶ cells
ELISA	Assay dependent
IHC	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

Product Note

This antibody does not detect parvalbumin, tropinin, S-100, or myosin light chain kinase (MLCK). Addition of EGTA to buffers completely inhibits antibody staining.

PROPERTIES

Form	Liquid
Buffer	PBS
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	Calmodulin purified from Dictyostelium discoideum.
Purification	Protein A purified



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

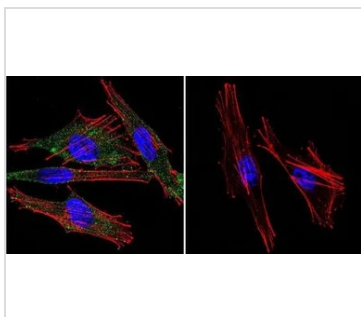
Conjugation

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.

DATA IMAGES

GTX22860 ICC/IF Image

ICC/IF analysis of A2058 Cells using GTX22860 Calmodulin antibody [2D1]. Cells were probed without (right) or with(left) an antibody.

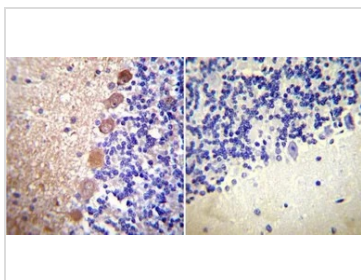
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:20 overnight at 4°C


GTX22860 IHC-P Image

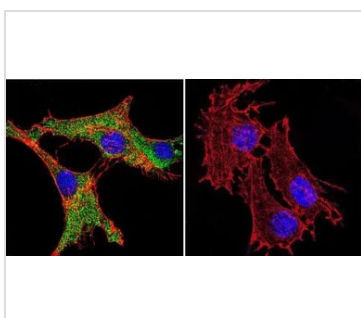
IHC-P analysis of rat cerebellum tissue using GTX22860 Calmodulin antibody [2D1].

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


GTX22860 ICC/IF Image

ICC/IF analysis of C6 cells using GTX22860 Calmodulin antibody [2D1]. 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


 For full product information, images and publications, please visit our [website](https://www.genetex.com).