

PMCA4 ATPase antibody [JA9]

Cat. No. GTX22783

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, ELISA
Reactivity	Human, Rat, Bovine, Pig, Amphibians

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	Assay dependent
IHC-P	1:100-1:500
IHC-Fr	1:100-1:500
FCM	2µg per 10 ⁶ cells
ELISA	1:15,000

Not tested in other applications.

Calculated MW 138 kDa. ([Note](#))**Product Note** The epitope for this antibody has been mapped to amino acids 51-75 of PMCA4 ATPase. This sequence is common to both PMCA4a and 4b ATPase.

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
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	Purified human erythrocyte PMCA.
Purification	Purified IgG



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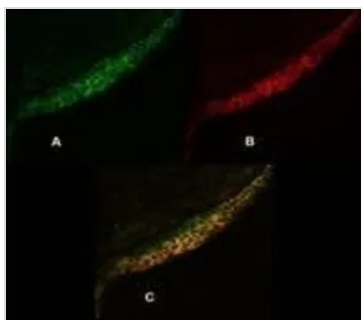
Conjugation

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.

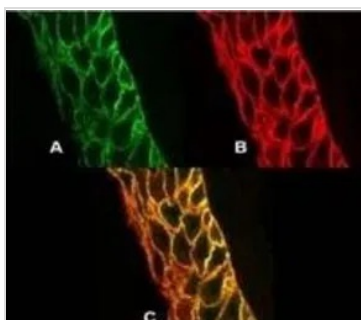
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DATA IMAGES

GTx22783 IHC-Fr Image

IHC-Fr analysis of bovine corneal epithelium (bCE) tissue using GTx22783 PMCA4 ATPase antibody [JA9].

Green : PMCA4

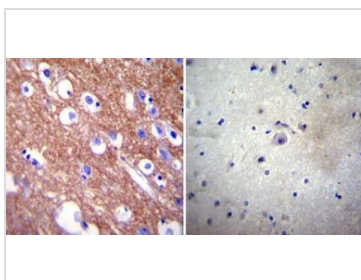
Red : CaSRO


GTx22783 IHC-Fr Image

IHC-Fr analysis of human corneal epithelium tissue using GTx22783 PMCA4 ATPase antibody [JA9].

Green : PMCA4

Red : CaSRO


GTx22783 IHC-P Image

IHC-P analysis of human brain tissue using GTx22783 PMCA4 ATPase antibody [JA9].

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


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