

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

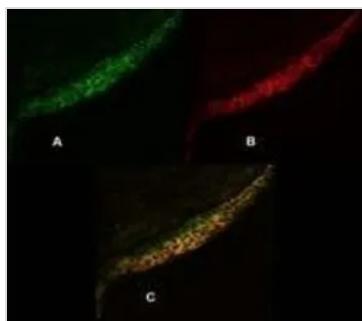
Unconjugated

Note

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

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.

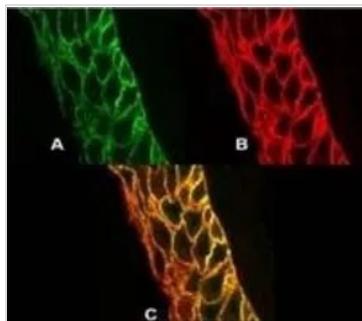
DATA IMAGES

**GTx22783 IHC-Fr Image**

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

Green : PMCA4

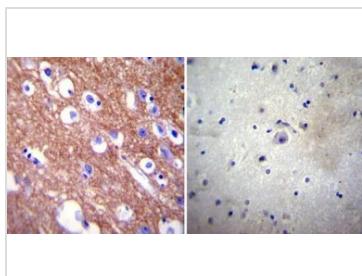
Red : CaSRO

**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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