

For Research Use Only

Anti-Human PANNX2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98696-1-PBS



Basic Information

Catalog Number:

98696-1-PBS

Size:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC101023

GeneID (NCBI):

56666

UNIPROT ID:

Q96RD6

Full Name:

pannexin 2

Calculated MW:

677 aa, 74 kDa

Purification Method:

Protein A purification

CloneNo.:

251544B5

Applications

Tested Applications:

IHC, FC

Species Specificity:

human

Background Information

Pannexins are glycoproteins that form functional single-membrane channels, which mediate ATP release in response to a variety of physiological and pathological stimuli (PMID: 33913372). The pannexin family consists of three members, namely PANNX1, PANNX2, and PANNX3 (PMID: 22305965). PANNX2 was initially predicted to be expressed selectively in the central nervous system, but was later shown to have broad expression across multiple tissues, including skin, skeletal muscle, eye, and colon (PMID: 15028292; 25505382; 25773474). PANNX2 is involved in pathophysiological processes of neurological and cancer diseases (PMID: 19749789; 33913372; 39389335).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

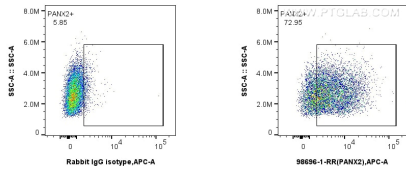
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

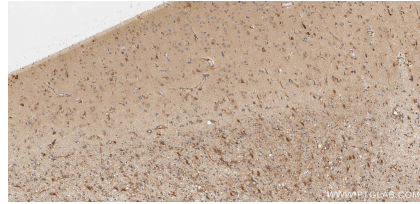
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

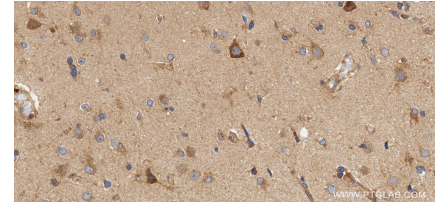
Selected Validation Data



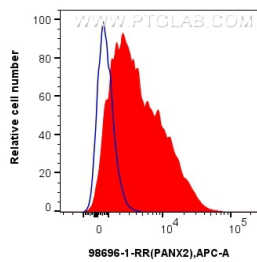
1x10⁶ Caco-2 cells were surface stained with 0.25 ug Anti-Human PANX2 Rabbit RecAb (98696-2-RR, Clone: 251544A12) or 0.25 ug Isotype Control, and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98696-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded Human brain cancer(Astrocytoma) slide using 98696-1-RR (PANX2) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98696-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded Human brain cancer(Astrocytoma) slide using 98696-1-RR (PANX2) antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98696-1-PBS in a different storage buffer formulation.



1x10⁶ Caco-2 cells were surface stained with 0.25 ug Anti-Human PANX2 Rabbit RecAb (98696-2-RR, Clone: 251544A12) (red) or 0.25 ug Isotype Control (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98696-1-PBS in a different storage buffer formulation.