

For Research Use Only

ATP1B3 Monoclonal antibody, PBS Only



Catalog Number: 67554-1-PBS

Featured Product

Basic Information

Catalog Number:

67554-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30127

GenBank Accession Number:

BC011835

GeneID (NCBI):

483

UNIPROT ID:

P54709

Full Name:

ATPase, Na⁺/K⁺ transporting, beta 3 polypeptide

Calculated MW:

32 kDa

Observed MW:

38-43 kDa

Purification Method:

Protein A purification

CloneNo.:

1H9C1

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

Human

Background Information

ATP1B3 (also known as CD298) is the $\beta 3$ subunit of Na⁺/K⁺-ATPase which functions to maintain sodium and potassium gradients across membranes involved in cellular activities. ATP1B3 is a glycosylated protein and there are fully and intermediately glycosylated forms of ATP1B3 in mammalian cells. The predicted MW of ATP1B3 is around 32 kDa, while various forms (38-43 kDa) can be observed due to the different level of glycosylation (PMID: 30792309, 16339171, 17176442).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

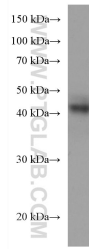
For technical support and original validation data for this product please contact:

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

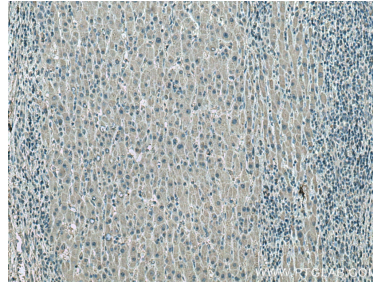
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 67554-1-Ig (ATP1B3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67554-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67554-1-Ig (ATP1B3 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67554-1-PBS in a different storage buffer formulation.