For Research Use Only

CoraLite® Plus 555-conjugated ATP6V1B1 Recombinant monoclonal antibody

Catalog Number:CL555-83953-5

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL555-83953-5

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6332

GenBank Accession Number:
BC063411

GeneID (NCBI):
525

UNIPROT ID:
P15313

Full Name:
ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B1

Calculated MW:
57 kDa

Observed MW:
56 kDa

Purification Method:
Protein A purfication

CloneNo.:
240955B9

Recommended Dilutions:
IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:
554 nm / 570 nm

Applications

Tested Applications:
IF-P

Species Specificity:
human, mouse, rat

Positive Controls:

IF-P : mouse kidney tissue,

Background Information

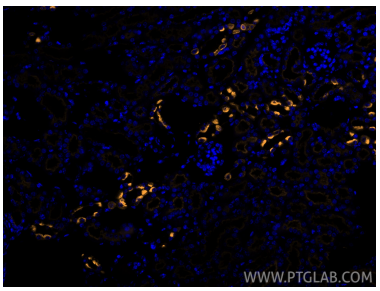
ATP6V1B1, also named ATP6B1, VATB and VPP3, belongs to the ATPase alpha/beta chains family. ATP6V1B1 is mainly expressed in kidney. ATP6V1B1 is essential for the proper assembly and activity of V-ATPase. In renal intercalated cells, ATP6V1B1 mediates secretion of protons (H+) into the urine thereby ensuring correct urinary acidification. The calculated molecular weight of ATP6V1B1 is 57 kDa.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse kidney tissue using CoraLite® Plus 555 ATP6V1B1 antibody (CL555-83953-5, Clone: 240955B9) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).