

For Research Use Only

ATP1A1 Recombinant antibody, PBS Only



Catalog Number: 83191-5-PBS

Basic Information

Catalog Number: 83191-5-PBS	GenBank Accession Number: BC050359	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 476	CloneNo.: 240160B5
Source: Rabbit	ENSEMBL Gene ID: ENSG00000163399	
Isotype: IgG	UNIPROT ID: P05023	
Immunogen Catalog Number: AG5763	Full Name: ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide	
	Calculated MW: 113 kDa	

Applications

Tested Applications:
Indirect ELISA, IF/ICC

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

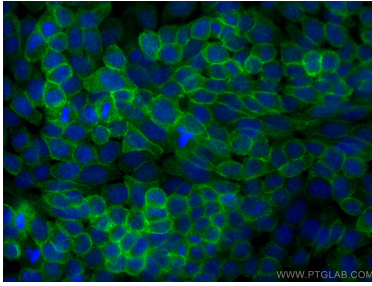
T: 4006900926

E: Proteintech-CN@ptglab.com

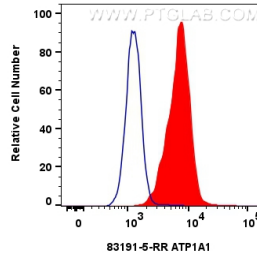
W: ptgcn.com

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

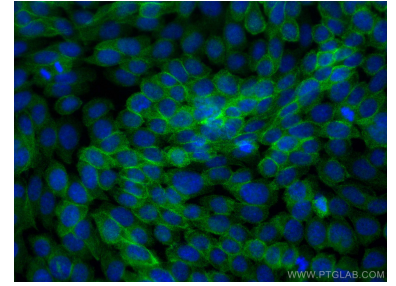
Selected Validation Data



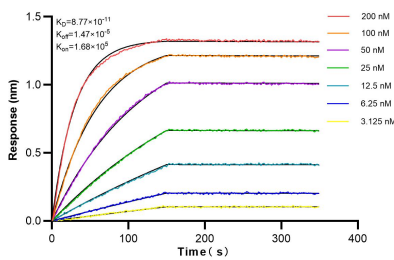
Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using ATP1A1 antibody (83191-5-RR, Clone: 240160B5) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83191-5-PBS in a different storage buffer formulation.



1x10⁶ HEK-293 cells were intracellularly stained with 0.2 ug ATP1A1 Recombinant antibody (83191-5-RR, Clone:240160B5) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83191-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using ATP1A1 antibody (83191-5-RR, Clone: 240160B5) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83191-5-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 83191-5-RR against Human ATP1A1 were performed. The affinity constant is 87.7 pM.