

For Research Use Only

# ADC Monoclonal antibody, PBS Only

Catalog Number: 67884-1-PBS



## Basic Information

<b>Catalog Number:</b> 67884-1-PBS	<b>GenBank Accession Number:</b> BC028128	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 113451	<b>CloneNo.:</b> 1A2B11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96A70	
<b>Isotype:</b> IgG1	<b>Full Name:</b> arginine decarboxylase	
<b>Immunogen Catalog Number:</b> AG31049	<b>Calculated MW:</b> 460 aa, 50 kDa	
	<b>Observed MW:</b> 48-50 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IF

**Species Specificity:**  
Human, mouse, pig, rat

## Background Information

Antizyme inhibitor 2 (AZIN2) is a member of the antizyme inhibitor family, which is able to bind to AZs and inhibit their action on both ODC activity and polyamine uptake. AZIN2 is predominantly expressed in the brain and testis and localized in the endoplasmic reticulum-golgi intermediate compartment. Available data suggest its role in cell growth, spermiogenesis, vesicular trafficking and secretion. Accumulation of azin2 has also been observed in brains of patients with Alzheimer's disease (PMID: 19832840). AZIN2 has 5 described isoforms produced by alternative splicing. The molecular weight of AZIN2 is about 50 kDa.

## 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:

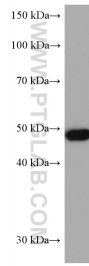
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

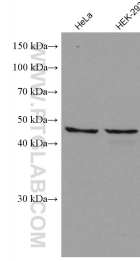
W: [ptgcn.com](http://ptgcn.com)

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

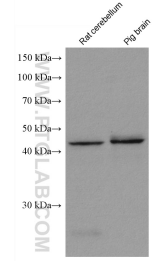
## Selected Validation Data



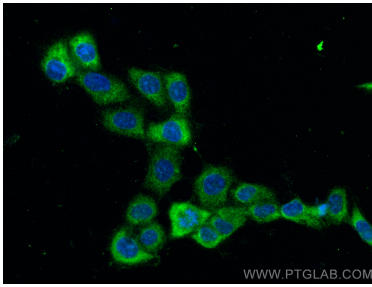
HEK-293T cells were subjected to SDS PAGE followed by western blot with 67884-1-Ig (ADC antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67884-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67884-1-Ig (ADC antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67884-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67884-1-Ig (ADC antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67884-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using ADC antibody (67884-1-Ig, Clone: 1A2B11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67884-1-PBS in a different storage buffer formulation.