

For Research Use Only

# ADARB1 Monoclonal antibody, PBS Only



Catalog Number: 67764-1-PBS

## Basic Information

<b>Catalog Number:</b> 67764-1-PBS	<b>GenBank Accession Number:</b> BC065545	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 104	<b>CloneNo.:</b> 1H8G3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P78563	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> adenosine deaminase, RNA-specific, B1 (RED1 homolog rat)	
<b>Immunogen Catalog Number:</b> AG17852	<b>Calculated MW:</b> 741 aa, 81 kDa	
	<b>Observed MW:</b> 70 kDa, 80 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, Mouse, Rat

## Background Information

ADARB1 (Double-stranded RNA-specific editase 1) is also named as ADAR2, DRADA2, RED1 and belongs to the ADAR family. It catalyses the deamination of adenosine to inosine at the GluR2 Q/R site in the pre-mRNA encoding the critical subunit of AMPA receptors. This protein has some isoforms with the molecular weight from 77 kDa to 81 kDa and 7 kDa, but it can be detected a very strong band at 50 kDa in addition to a predicted band at 75 kDa as the result of western blot, while ADARB1 has several alternative splice variants (PMID:23103828).

## Storage

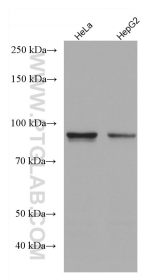
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

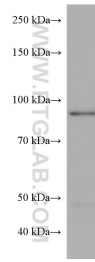
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

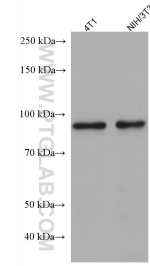
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67764-1-Ig (ADARB1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67764-1-PBS in a different storage buffer formulation.



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67764-1-Ig (ADARB1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67764-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 67764-1-Ig (ADARB1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67764-1-PBS in a different storage buffer formulation.