

For Research Use Only

# ADARB1 Monoclonal antibody

Catalog Number: 67764-1-Ig



## Basic Information

<b>Catalog Number:</b> 67764-1-Ig	<b>GenBank Accession Number:</b> BC065545	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop and 620 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 104	<b>CloneNo.:</b> 1H8G3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P78563	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<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

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : 4T1 cells, HeLa cells, HSC-T6 cells, HepG2 cells, NIH/3T3 cells
<b>Species Specificity:</b> 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

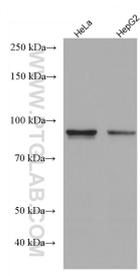
For technical support and original validation data for this product please contact:

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.

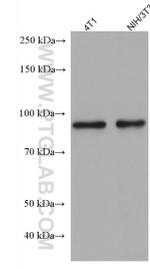
## Selected Validation Data



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.



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.



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.