

For Research Use Only

# ADARB1 Monoclonal antibody

Catalog Number: 67764-1-Ig



## Basic Information

Catalog Number:

67764-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 620 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG17852

GenBank Accession Number:

BC065545

GeneID (NCBI):

104

UNIPROT ID:

P78563

Full Name:

adenosine deaminase, RNA-specific, B1 (RED1 homolog rat)

Calculated MW:

741 aa, 81 kDa

Observed MW:

70 kDa, 80 kDa

Purification Method:

Protein A purification

CloneNo.:

1H8G3

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : 4T1 cells, HeLa cells, HSC-T6 cells, HepG2 cells, NIH/3T3 cells

## 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

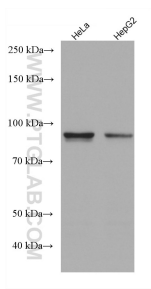
For technical support and original validation data for this product please contact:

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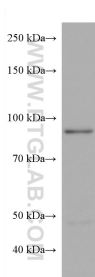
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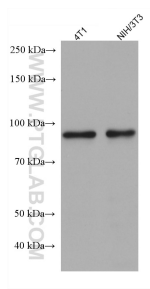
## Selected Validation Data



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.



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