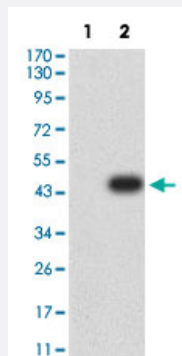


ADAR monoclonal antibody, clone 4E2E4

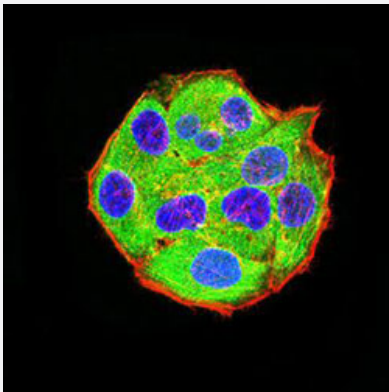
Catalog # MAB17910 Size 100 ug

Applications



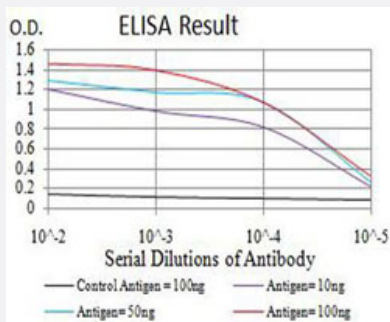
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: ADAR-hlgGFc transfected HEK293 cell lysates with ADAR monoclonal antibody, clone 4E2E4 (Cat # MAB17910).



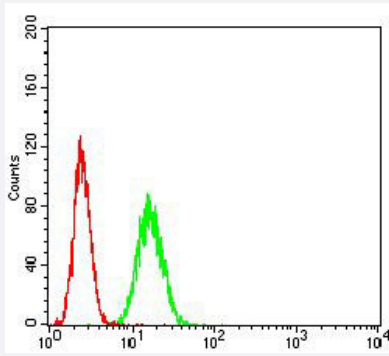
Immunofluorescence

Immunofluorescent staining of HeLa cells with ADAR monoclonal antibody, clone 4E2E4 (Cat # MAB17910) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with ADAR monoclonal antibody, clone 4E2E4 (Cat # MAB17910).



Flow Cytometry

Flow cytometric analysis of HeLa cells with ADAR monoclonal antibody, clone 4E2E4 (Cat # MAB17910) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human ADAR.
Immunogen	Recombinant protein corresponding to amino acids 1085-1223 of human ADAR.
Host	Mouse
Theoretical MW (kDa)	136
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunofluorescence (1:200-1:1000) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: ADAR-hlgGfc transfected HEK293 cell lysates with ADAR monoclonal antibody, clone 4E2E4 (Cat # MAB17910).

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- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with ADAR monoclonal antibody, clone 4E2E4 (Cat # MAB17910).

- Flow Cytometry

Flow cytometric analysis of HeLa cells with ADAR monoclonal antibody, clone 4E2E4 (Cat # MAB17910) (Green). Red: Negative Control.

Gene Info — ADAR

Entrez GeneID

[103](#)

Protein Accession#

[P55265](#)

Gene Name

ADAR

Gene Alias

ADAR1, DRADA, DSH, DSRAD, G1P1, IFI4, IF4, K88dsRBP, p136

Gene Description

adenosine deaminase, RNA-specific

Omim ID

[127400](#) [146920](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

136 kDa double-stranded RNA binding protein|OTTHUMP00000035372|OTTHUMP00000035373|adenosine deaminase acting on RNA 1-A|double-stranded RNA-specific adenosine deaminase|interferon-induced protein 4|interferon-inducible protein 4

Pathway

- [Atrazine degradation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Liver Cirrhosis](#)
- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)