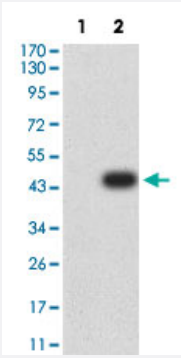
ADAR monoclonal antibody, clone 4E2B5

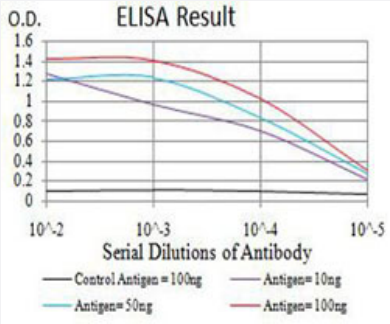
Catalog # MAB17909 Size 100 ug

Applications



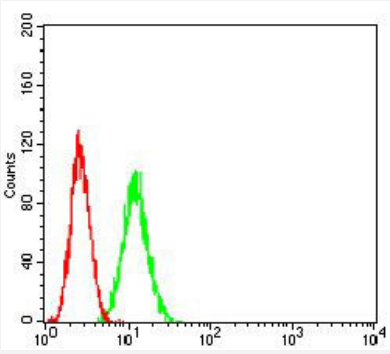
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: ADAR-hIgGFc transfected HEK293 cell lysates with ADAR monoclonal antibody, clone 4E2B5 (Cat # MAB17909).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with ADAR monoclonal antibody, clone 4E2B5 (Cat # MAB17909).



Flow Cytometry

Flow cytometric analysis of HeLa cells with ADAR monoclonal antibody, clone 4E2B5 (Cat # MAB17909) (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) 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: ADAR-hIgGFc transfected HEK293 cell lysates with ADAR monoclonal antibody, clone 4E2B5 (Cat # MAB17909).

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with ADAR monoclonal antibody, clone 4E2B5 (Cat # MAB17909).

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Gene Info — ADAR

Entrez GeneID	103
Protein Accession#	P55265
Gene Name	ADAR

Gene Alias	ADAR1, DRADA, DSH, DSRAD, G1P1, IFI-4, IFI4, 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 aden osines. This enzyme destabilizes double stranded RNA through conversion of adenosine to inosin e. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alte rnate transcriptional splice variants, encoding different isoforms, have been characterized. [provid ed by RefSeq
Other Designations	136 kDa double-stranded RNA binding protein|OTTHUMP00000035372|OTTHUMP0000003537 3|adenosine deaminase acting on RNA 1-A|double-stranded RNA-specific adenosine deaminas e|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