

## Product datasheet for **TA815219**

### **ADAR1 (ADAR) Mouse Monoclonal Antibody [Clone ID: OTI5G2]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI5G2
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:1000-1:2000
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment of human ADAR (NP_001020278) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	103.6 kDa
<b>Gene Name:</b>	adenosine deaminase, RNA-specific
<b>Database Link:</b>	<a href="#">NP_001020278</a> <a href="#">Entrez Gene 103 Human</a> <a href="#">P55265</a>
<b>Background:</b>	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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]



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**Synonyms:** ADAR1; AGS6; DRADA; DSH; DSRAD; G1P1; IFI-4; IFI4; K88DSRBP; P136  
**Protein Families:** Druggable Genome  
**Protein Pathways:** Cytosolic DNA-sensing pathway

**Product images:**

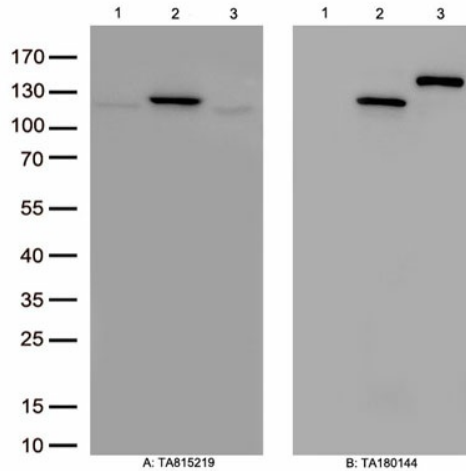
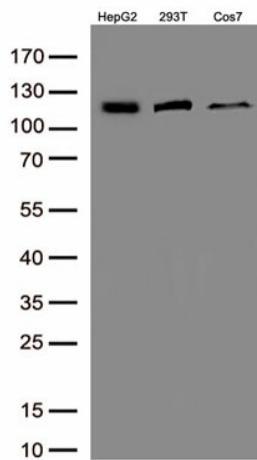


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1) , human ADAR plasmid ([RC219761], lane 2), mouse ADAR plasmid ([MR211714], lane 3) using anti-ADAR antibody TA815219 (1:2000). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)



Western blot analysis of extracts (50ug per lane) from 3 cell lines lysates by using anti-ADAR monoclonal antibody(TA815219, 1:1000)