

## Product Datasheet

### ADAR1 Rabbit Polyclonal Antibody (orb5984)

<b>Catalog Number</b>	orb5984
<b>Category</b>	Antibodies
<b>Description</b>	ADAR1 Rabbit Polyclonal Antibody
<b>Target</b>	ADAR
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human DRADA (151-250/1226aa)
<b>UniProt ID</b>	<b>P55265</b>
<b>RRID</b>	AB_10938654
<b>MW</b>	110 kDa

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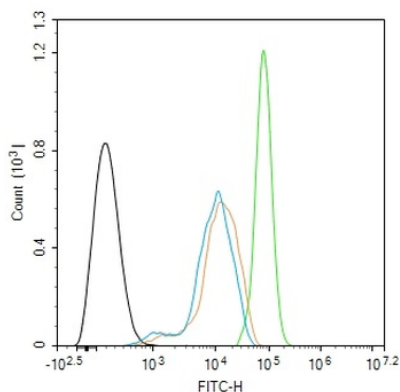
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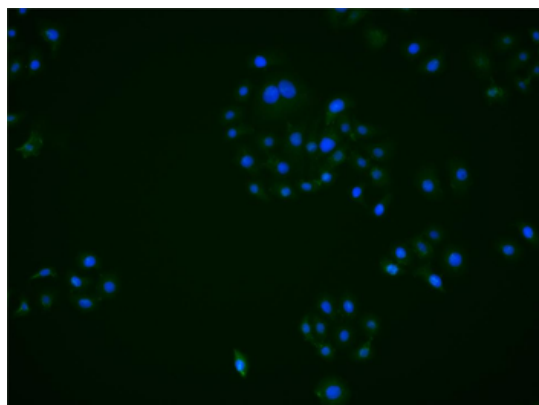
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<b>Tested applications</b>	FC, WB
<b>Dilution range</b>	WB=1:500-2000, Flow-Cyt=2ug/Test
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Blank control (black line): HepG2. Primary Antibody (green line): Rabbit Anti-ADAR1 antibody (orb5984), dilution: 2 ug/Test, Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, dilution: 0.5 ug/Test. Isotype control (orange line): Normal Rabbit IgG, Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



HepG2 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (ADAR1) polyclonal Antibody, Unconjugated (orb5984) 1:25, 90 minutes at 37°C, followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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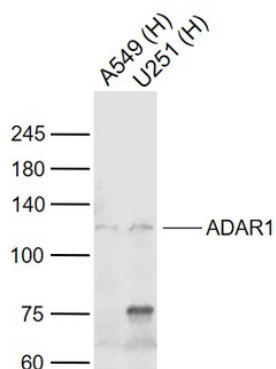
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Sample: Lane 1: A549 (Human) Cell Lysate at 30 ug, Lane 2: U251 (Human) Cell Lysate at 30 ug, Primary: Anti-ADAR1 (orb5984) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 150/110 kD, Observed band size: 110 kD.

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