

# KD-Validated Anti-Adiponectin Receptor 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

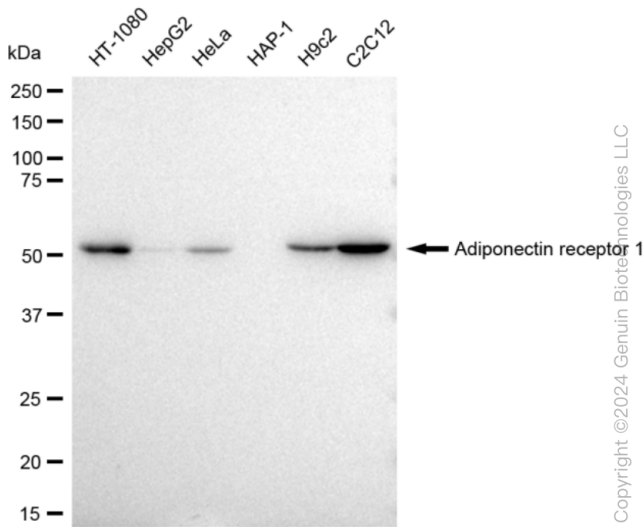
ABG1312

## Product Overview

<b>Name</b>	KD-Validated Anti-Adiponectin receptor 1 Rabbit Monoclonal Antibody
<b>Accession(Primary)</b>	Q96A54
<b>Host Species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Immunogen</b>	A synthesized peptide derived from human ADIPOR1
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Calculated MW</b>	Predicted, 43 kDa, observed, 52 kDa
<b>Storage Buffer</b>	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
<b>Recommended Dilution</b>	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

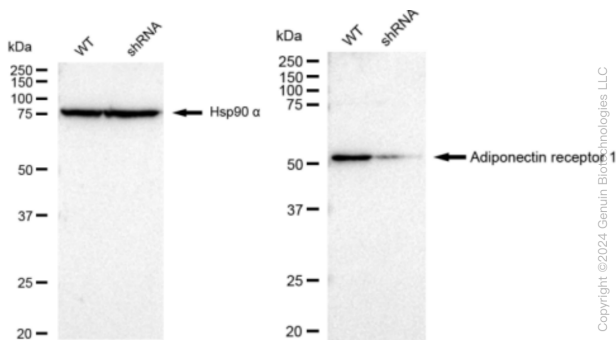
## Target information (Q96A54)

<b>Gene Name</b>	ADIPOR1
<b>About Gene Symbol</b>	ADIPOR1 (Adiponectin Receptor 1) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



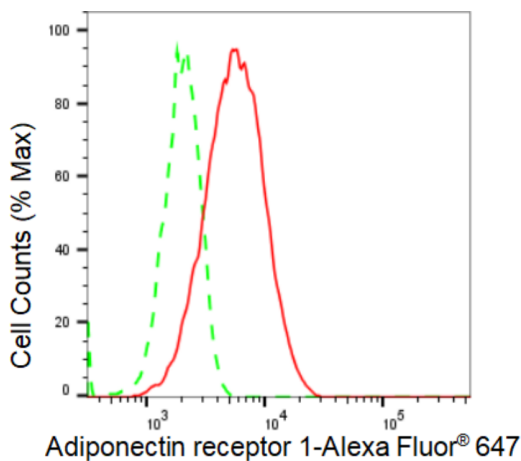
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Western blotting analysis using anti-Adiponectin receptor 1 antibody (Cat#ABG1312). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Adiponectin receptor 1 antibody (Cat#ABG1312, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



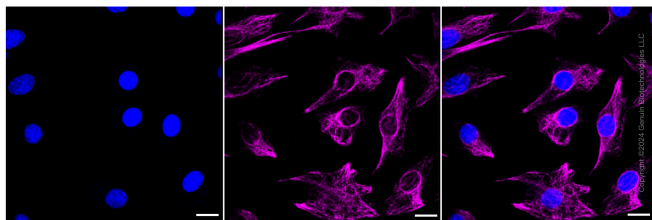
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Western blotting analysis using anti-Adiponectin receptor 1 antibody (Cat#ABG1312). Adiponectin receptor 1 expression in wild type (WT) and Adiponectin receptor 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Adiponectin receptor 1 antibody (Cat#ABG1312, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Adiponectin receptor 1 expression in C2C12 cells using Adiponectin receptor 1 antibody (Cat#ABG1312, 1:2000). Green, isotype control; red, Adiponectin receptor 1.



Immunocytochemical staining of C2C12 cells with Adiponectin receptor 1 antibody (Cat#ABG1312, 1:1,000). Nuclei were stained blue with DAPI; Adiponectin receptor 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20  $\mu$ m.