

# KD-Validated Anti-ACSS2 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

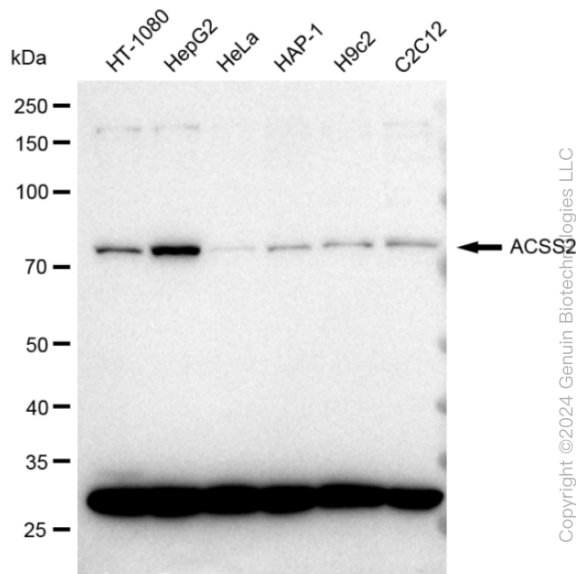
ABG2350

## Product Overview

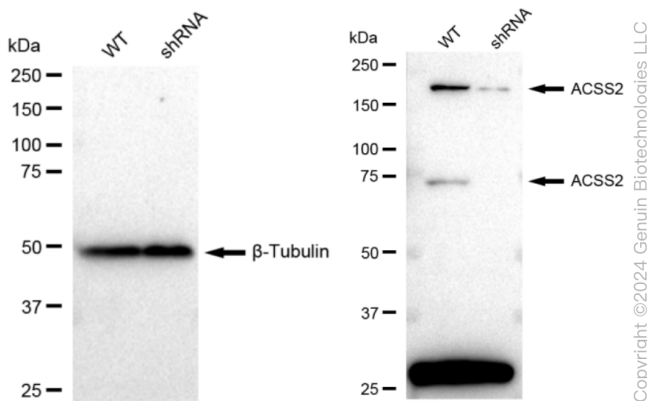
<b>Name</b>	KD-Validated Anti-ACSS2 Rabbit Monoclonal Antibody
<b>Accession(Primary)</b>	Q9NR19
<b>Host Species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Immunogen</b>	A synthesized peptide derived from human ACSS2
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Calculated MW</b>	Predicted, 79 kDa ; Observed, 78 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): 1:500-1:2,500 Flow cytometry (FCM): 1:2,000

## Target information (Q9NR19)

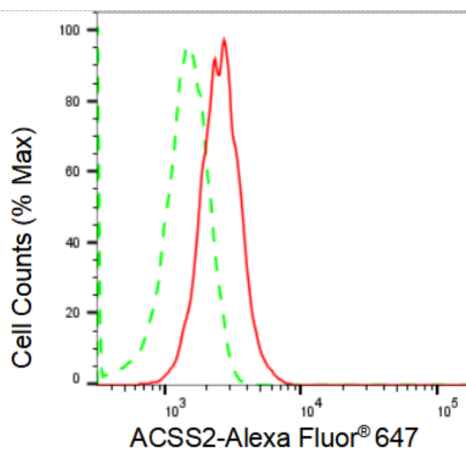
<b>Gene Name</b>	ACSS2
<b>About Gene Symbol</b>	ACSS2 (Acyl-CoA Synthetase Short Chain Family Member 2) is a biosynthetic enzyme involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-ACSS2 antibody (Cat#ABG2350). Total cell lysates (45  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACSS2 antibody (Cat#ABG2350, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-ACSS2 antibody (Cat#ABG2350). ACSS2 expression in wild type (WT) and ACSS2 shRNA knockdown (KD) HeLa cells with 30  $\mu$ g of total cell lysates.  $\beta$ -Tubulin serves as a loading control. The blot was incubated with anti-ACSS2 antibody (Cat#ABG2350, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of ACSS2 expression in HepG2 cells using ACSS2 antibody (Cat#ABG2350, 1:2,000). Green, isotype control; red, ACSS2.