9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Tuberin Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2338

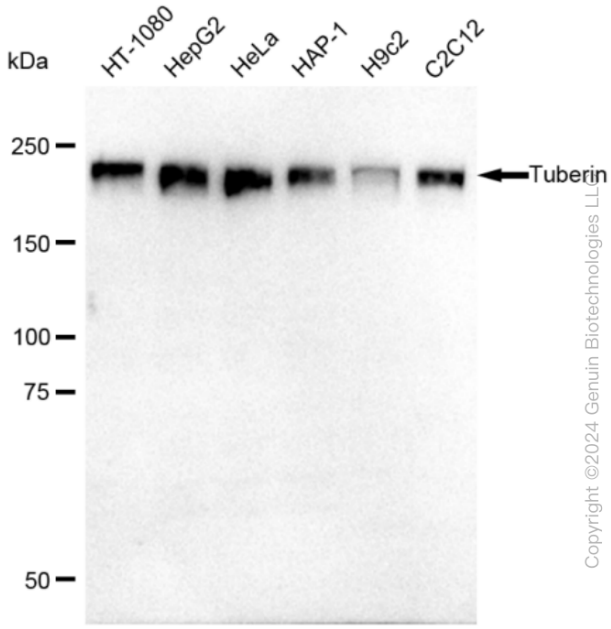
Product Overview

Name	KD-Validated Anti-Tuberin Rabbit Monoclonal Antibody
Accession(Primary)	P49815
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	Recombinant protein of human Tuberin
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted , 201 kDa ; Observed , 201 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:2,500 Flow Cytometry(FCM):1:2,000

Target information (P49815)

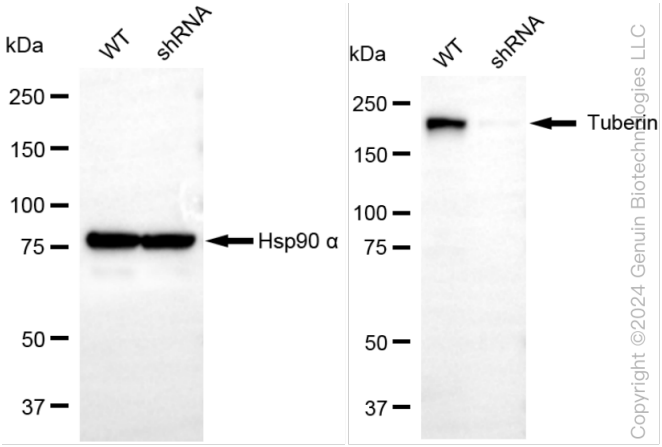
Gene Name	TSC2
About Gene Symbol	TSC2 (Tuberin) is a protein phosphatase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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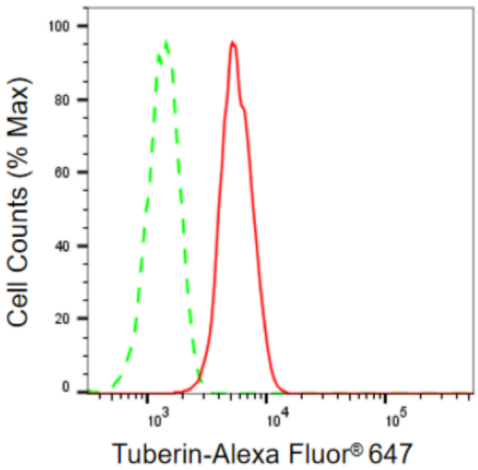
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Western blotting analysis using anti-Tuberin antibody (Cat#ABG2338). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Tuberin antibody (Cat#ABG2338, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-Tuberin antibody (Cat#ABG2338). Tuberin expression in wild type (WT) and Tuberin shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Tuberin antibody (Cat#ABG2338, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Tuberin expression in HepG2 cells using Tuberin antibody (Cat#ABG2338, 1:2,000). Green, isotype control; Red, Tuberin.