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

KD-Validated Anti-Gephyrin Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1901

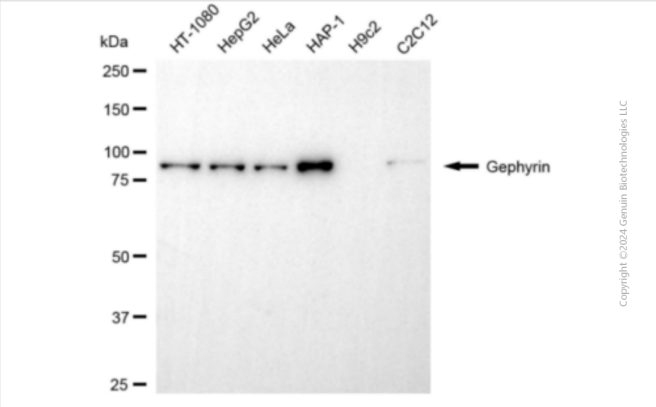
Product Overview

Name	KD-Validated Anti-Gephyrin Mouse Monoclonal Antibody
Accession(Primary)	Q9NQX3
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Immunogen	Recombinant protein of human GPHN
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 80 kDa, observed, 80 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:2,500-1:5,000 Flow Cytometry (FCM): 1:2,000

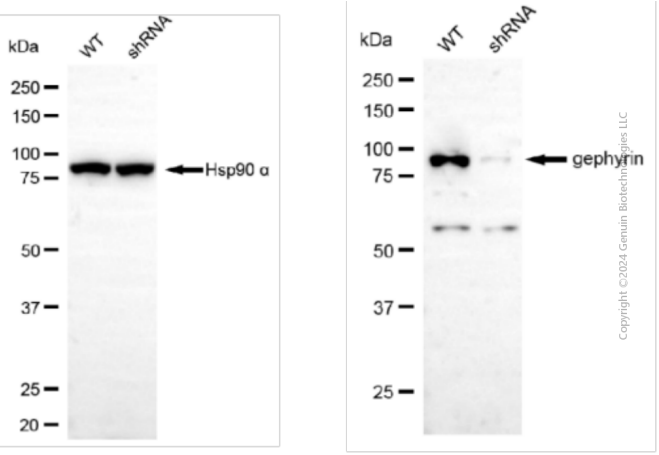
Target information (Q9NQX3)

Gene Name	GPHN
About Gene Symbol	GPHN (Gephyrin) is a protein kinase and signaling regulator 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.

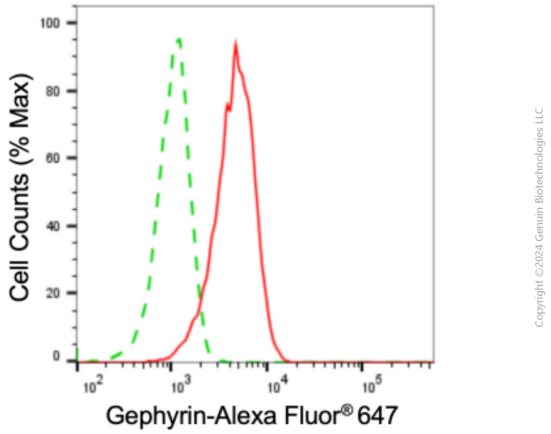
9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



Western blotting analysis using anti-gephyrin antibody (Cat#ABG1901). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-gephyrin antibody (Cat#ABG1901, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-gephyrin antibody (Cat#ABG1901). Gephyrin expression in wild type (WT) and gephyrin (GPHN) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-gephyrin antibody (Cat#ABG1901, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of Gephyrin expression in HAP-1 cells using anti-Gephyrin antibody (Cat#ABG1901, 1:2,000). Green, isotype control; red, Gephyrin.