

# Anti-Gephyrin (GPHN) Mouse Monoclonal Antibody [Clone ID: OTI2C2]

Catalog Number: M04560-1

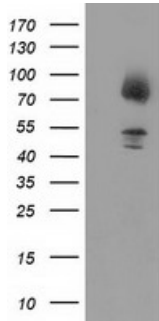
## Overview

Product Name	Anti-Gephyrin (GPHN) Mouse Monoclonal Antibody [Clone ID: OTI2C2]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio GPHN (Gephyrin) mouse monoclonal antibody, clone OTI2C2 (formerly 2C2). Catalog# M04560-1. Tested in FC, IF, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OTI2C2
Formulation	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q9NQX3

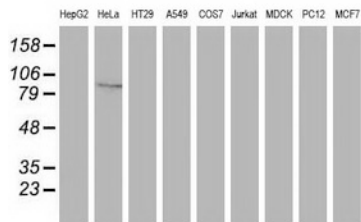
## Technical Details

Immunogen	Full length human recombinant protein of human GPHN (NP_065857) produced in HEK293T cell.
Isotype	IgG2a
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

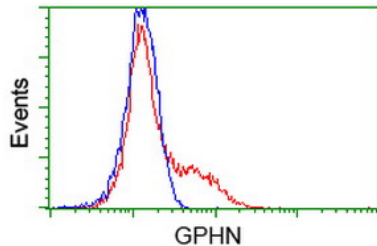
## Anti-Gephyrin (GPHN) Mouse Monoclonal Antibody [Clone ID: OTI2C2] (M04560-1) Images



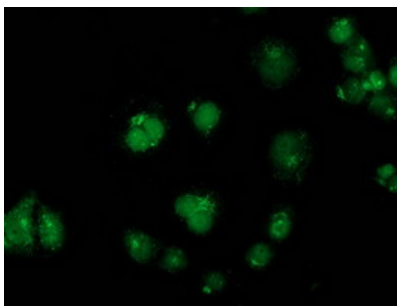
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GPHN (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GPHN.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-GPHN monoclonal antibody.



HEK293T cells transfected with either GPHN (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-GPHN antibody (M04560-1)



Anti-GPHN mouse monoclonal antibody (M04560-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY GPHN.

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