

Anti-delta 2 Catenin Antibody (80145)

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat,Human
Molecular Weight:	Theoretical: 135 kDa. Actual: 140 kDa.
Clone:	80145
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. The SH-SY5Y (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-delta 2 Catenin antibody (TMAB-05071, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p> <p>2. 25 ug total protein per lane of various lysates (see on figure) probed with delta 2 Catenin monoclonal antibody, unconjugated (TMAB-05071) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	WB,ICC/IF,FCM
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: mouse delta 2 Catenin
Antigen Species:	Mouse
Gene ID:	1501
Uniprot ID:	O35927

Research Background

Has a critical role in neuronal development, particularly in the formation and/or maintenance of dendritic spines and synapses. Involved in the regulation of canonical Wnt signaling. It probably acts on beta-catenin turnover, facilitating beta-catenin interaction with GSK3B, phosphorylation, ubiquitination and degradation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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