

## Anti-MAPRE3 Antibody (60362)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 32 kDa. Actual: 32 kDa.
Clone:	60362
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. 25 ug total protein per lane of various lysates (see on figure) probed with MAPRE3 monoclonal antibody, unconjugated (TMAB-08597) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. 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-MAPRE3 antibody (TMAB-08597, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p> <p>3. 4% Paraformaldehyde-fixed SH-SY5Y (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (MAPRE3) monoclonal Antibody, unconjugated (TMAB-08597) 1: 100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, BF488) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p>
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF,FCM
Recommended	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:50-200,IF=1:100-500,Flow-Cyt=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: human MAPRE3
Antigen Species:	Human
Gene ID:	22924
Uniprot ID:	Q9UPY8

## Research Background

Plus-end tracking protein (+TIP) that binds to the plus-end of microtubules and regulates the dynamics of the microtubule cytoskeleton. Promotes microtubule growth. May be involved in spindle function by stabilizing microtubules and anchoring them at centrosomes.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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