

Anti-Gemin 3 Antibody (7T984)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 92 kDa. Actual: 100 kDa.
Clone:	7T984
Purification:	Protein A purified

Applications

Verified Activity:	<ol style="list-style-type: none">1. Western blot analysis of 293T cell lysate. Using Gemin 3 (TMAB-06430) monoclonal antibody at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.2. 4% Paraformaldehyde-fixed MCF-7 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (Gemin 3) monoclonal Antibody, unconjugated (TMAB-06430) 1: 100, 90 min at 37°C; followed by BF488 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.3. The MCF-7 (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-Gemin 3 antibody (TMAB-06430, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
Application:	IHC-P,IHC-F,ICC/IF,IF,FCM
Recommended	IHC-P=1:100-200,IHC-F=1:100-200,ICC/IF=1:100-500,IF=1:100-200,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: human DDX20
Antigen Species:	Human
Gene ID:	11218
Uniprot ID:	Q9UHI6

Research Background

The SMN complex catalyzes the assembly of small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome, and thereby plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRNPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP (Sm core).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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