

Anti-ELP4 Antibody (4H640)

Product Details

Ig Type:	IgG
Reactivity:	Human(predicted:Mouse)
Molecular Weight:	Theoretical: 47 kDa. Actual: 47 kDa.
Clone:	4H640
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Western blot analysis of HeLa cell lysate. Using ELP4 (TMAB-05549) monoclonal antibody 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 HeLa (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-ELP4 antibody (TMAB-05549, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p>
Application:	WB,IHC-P,IHC-F,IF,FCM
Recommended	WB=1:1000-2000,IHC-P=1:100-200,IHC-F=1:100-200,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 Elongator complex protein 4
Antigen Species:	Human
Gene ID:	26610
Uniprot ID:	Q96EB1

Research Background

Component of the elongator complex which is required for multiple tRNA modifications, including mcm5U (5-methoxycarbonylmethyl uridine), mcm5s2U (5-methoxycarbonylmethyl-2-thiouridine), and ncm5U.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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