

## Anti-Phospho-MYC (Ser62) Antibody (5C154)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5C154
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"><li>-Positive WB detected in Hela whole cell lysate</li><li>-All lanes Phospho-MYC antibody at 1.4µg/ml</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 57 KDa</li></ul> <p>-Observed band size: 57 KDa</p> <p>2. Immunofluorescence staining of Hela cells with TMAH-00932 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).</p>
Application:	ELISA, WB, IF
Recommended	WB:1:500-1:5000; IF:1:20-1:200.

### Properties

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

### Antigen Details

Immunogen:	A synthetic peptide: Human Phospho-MYC (S62)
Antigen Species:	Human
Gene ID:	4609
Uniprot ID:	P01106
Synonyms:	p-MYC (Ser62);BHLHE39;MYC (p-Ser62);Phospho-MYC (S62);p-MYC (S62);MYC (p-S62)
Biology Area:	Epigenetics and Nuclear Signaling

### Research Background

Transcription factor that binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Activates the transcription of growth-related genes. Binds to the VEGFA promoter, promoting VEGFA production and subsequent sprouting angiogenesis. Regulator of somatic reprogramming, controls self-renewal of embryonic stem cells. Functions with TAF6L to activate target gene expression through RNA polymerase II pause

release.

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

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