

## Anti-MEN1 Antibody (5E903)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5E903
Purification:	Affinity-chromatography

## Applications

	Western Blot
	-Positive WB detected in: PC-3 whole cell lysate, MCF-7 whole cell lysate, 293 whole cell lysate
Verified Activity:	-All lanes: MEN1 antibody at 1:2000
	-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
	-Predicted band size: 69, 68, 64 kDa
	-Observed band size: 75 kDa
Application:	ELISA,WB
Recommended	WB:1:500-1:5000.

## 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 Menin
Antigen Species:	Human
Gene ID:	4221
Uniprot ID:	O00255
Synonyms:	MEN 1;Menin;SCG2
Biology Area:	Epigenetics and Nuclear Signaling, Cancer

## Research Background

Essential component of a MLL/SET1 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3 (H3K4). Functions as a transcriptional regulator. Binds to the TERT promoter and represses telomerase expression. Plays a role in TGFB1-mediated inhibition of cell-proliferation, possibly regulating SMAD3 transcriptional activity. Represses JUND-mediated transcriptional activation on AP1 sites, as well as that mediated by NFKB subunit RELA. Positively regulates HOXC8 and HOXC6 gene expression. May be involved in normal hematopoiesis through the activation of HOXA9 expression. May be involved in DNA repair.

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

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