

KD-Validated Anti-Menin 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1236

Product Information

Application	WB, FC
Primary Accession	O00255
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB2590
Calculated MW	67497
Gene Name	MEN1
Aliases	Menin 1; Menin; SCG2; Multiple Endocrine Neoplasia I; MEAI
Immunogen	A synthesized peptide derived from human Menin

Additional Information

Gene ID	4221
Other Names	Menin, MEN1, SCG2

Protein Information

Name	MEN1
Synonyms	SCG2
Function	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 (By similarity). May be involved in DNA repair.
Cellular Location	Nucleus. Note=Concentrated in nuclear body-like structures. Relocates to the nuclear matrix upon gamma irradiation
Tissue Location	Ubiquitous.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.