



Mouse anti-Human SETMAR monoclonal antibody (CABT-B9540)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	397-671 of 671 of SETMAR Protein.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	IM
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS
Preservative	0.09% sodium azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction	This gene encodes a fusion protein that contains an N-terminal histone-lysine N-methyltransferase domain and a C-terminal mariner transposase domain. The encoded protein
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binds DNA and functions in DNA repair activities including non-homologous end joining and double strand break repair. The SET domain portion of this protein specifically methylates histone H3 lysines 4 and 36. This gene exists as a fusion gene only in anthropoid primates, other organisms lack mariner transposase domain. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]

Keywords

SETMAR; SET domain and mariner transposase fusion gene; Mar1; HsMar1; METNASE; histone-lysine N-methyltransferase SETMAR; SET domain and mariner transposase fusion protein; SET domain and mariner transposase fusion gene-containing protein;

GENE INFORMATION

Entrez Gene ID [6419](#)

UniProt ID [Q53H47](#)
