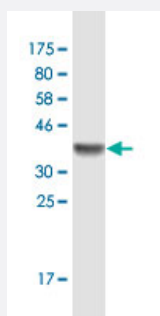


SETDB1 monoclonal antibody (M22A), clone 4E8

Catalog # H00009869-M22A

Size 200 uL

Applications



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SETDB1.
Immunogen	SETDB1 (NP_036564, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SSLPGCIGLDAATATVESEEIAELQQAVVEELGISMEELRHFIDEELEKMDCVQQRKKQLAELETWVIQKESEVAHVDQLFDDASRAVTNCESLVKDFY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SETDB1

Entrez GeneID	9869
GeneBank Accession#	NM_012432
Protein Accession#	NP_036564
Gene Name	SETDB1
Gene Alias	ESET, KG1T, KIAA0067, KMT1E
Gene Description	SET domain, bifurcated 1
Omim ID	604396
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a histone methyltransferase. The encoded enzyme catalyzes the reaction of S-adenosyl-L-methionine and histone L-lysine to produce S-adenosyl-L-homocysteine and histone N(6)-methyl-L-lysine. The encoded protein likely functions in transcriptional repression. Alternatively spliced transcript variants have been described
Other Designations	ERG-associated protein with a SET domain, ESET

Pathway

- [Lysine degradation](#)

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)