SETDB1 Antibody (5H6A12)

Lot Number: QC1988264

Product Data Sheet

Tested Species Reactivity
Human (Hu)
Mouse (Ms)
Non-human primate (Nhp)

Tested Applications	Dilution *
Western Blot (WB)	1/500 - 1/2000
Immunofluorescence (IF)	1/200 - 1/1000
Immunocytochemistry (ICC)	1:200-1:1000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	MA5-15722
Size:	100 µL
Class:	Monoclonal
Type:	Antibody
Clone:	5H6A12
Host / Isotype:	Mouse / IgG1
Immunogen:	Purified recombinant fragment of human SETDB1 expressed in E. Coli.

Form Information	
Form:	Liquid
Storage Buffer:	ascites
Preservative:	0.03% sodium azide
Storage Conditions:	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Product Specific Information

MA5-15722 targets SETDB1 in IF and WB applications and shows reactivity with Human, mouse, and Non-human primate samples.

The MA5-15722 immunogen is purified recombinant fragment of human SETDB1 expressed in E. Coli.

MA5-15722 detects SETDB1 which has a predicted molecular weight of approximately 180kDa.

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General Information

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-methyl-L-lysine. The encoded protein likely functions in transcriptional repression. Alternatively spliced transcript variants have been described.

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