

ESET Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0520
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human ESET expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human, Mouse, Monkey
Clonality	Monoclonal
Recommended application	WB, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Histone-lysine N-methyltransferase SETDB1
Synonyms	SETDB1; KIAA0067; KMT1E; Histone-lysine N-methyltransferase SETDB1; ERG-associated protein with SET domain; ESET; Histone H3-K9 methyltransferase 4; H3-K9-HMTase 4; Lysine N-methyltransferase 1E; SET domain bifurcated 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a histone methyltransferase which regulates histone methylation, gene silencing, and transcriptional repression. This gene has been identified as a target for treatment in Huntington Disease, given that gene silencing and transcription dysfunction likely play a role in the disease pathogenesis. Alternatively spliced transcript variants of this gene have been described.

Recommended Dilution

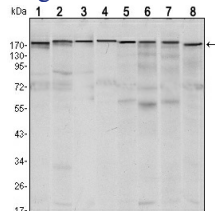
ELISA: 1:10000

IF: 1:200 - 1:1000

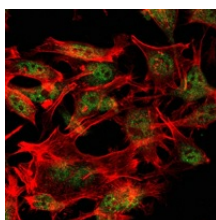
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using ESET Monoclonal antibody against MCF-7 (1) HEK293 (2) JURKAT (3) NIH/3T3 (4) F9 (5) RAW246.7 (6) and Cos7 (7) cell lysate.



Immunofluorescence analysis of LOVO cells using ESET Monoclonal antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Storage

-20°C for one year

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