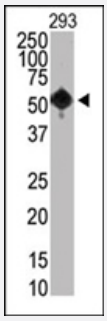
SETD8 monoclonal antibody, clone 43AT890

Catalog # MAB1154 Size 400 uL

Applications



Western Blot (Cell lysate)

The SETD8 monoclonal antibody, clone 43AT890 (Cat # MAB1154) is used in Western blot to detect SETD8 in 293 cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant SETD8.
Immunogen	Recombinant GST fusion protein corresponding to N-terminus of human SETD8.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Isotype	IgG1
Recommend Usage	Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — SETD8

Entrez GeneID	387893
Protein Accession#	AAF97812;Q9NQR1
Gene Name	SETD8
Gene Alias	KMT5A, PR-Set7, SET07, SET8
Gene Description	SET domain containing (lysine methyltransferase) 8
Omim ID	607240
Gene Ontology	Hyperlink
Other Designations	H4-K20-specific histone methyltransferase|PR/SET domain containing protein 8|SET domain-con taining protein 8

Publication Reference

- Product specificity and mechanism of protein lysine methyltransferases: insights from the histone lysine methyltransferase SET8.

  Zhang X, Bruice TC.

  Biochemistry 2008 Jun; 47(25):6671.

- Catalytic function of the PR-Set7 histone H4 lysine 20 monomethyltransferase is essential for mitotic entry and genomic stability.

  Houston SI, McManus KJ, Adams MM, Sims JK, Carpenter PB, Hendzel MJ, Rice JC.

  The Journal of Biological Chemistry 2008 Jul; 283(28):19478.

  Application: WB-Tr, Human, HEK 293 cells

Pathway

- Lysine degradation

Disease

- Breast Neoplasms
- Genetic Predisposition to Disease