

Rabbit anti-Human, Mouse KMT5A/SETD8/Pr-SET7 Monoclonal Antibody | anti-SETD8 antibody

KMT5A/SETD8/Pr-SET7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312542	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot

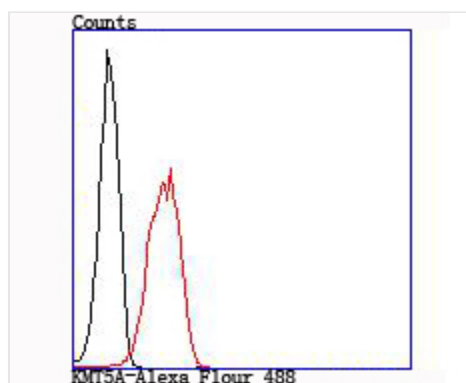
PRODUCT SYNONYMS

KMT5A/SETD8/Pr-SET7; Monoclonal Antibody; KMT5A/SETD8/Pr-SET7 Antibody; H4 K20 HMTase antibody; H4 K20 specific histone methyltransferase antibody; H4-K20-HMTase SETD8 antibody; Histone H4 K20 methyltransferase antibody; Histone lysine N methyltransferase H4 lysine 20 specific antibody; Histone-lysine N-methyltransferase SETD8 antibody; Lysine N-methyltransferase 5A antibody; N-lysine methyltransferase SETD8 antibody; Pr SET 7 antibody; Pr SET7 antibody; PR-Set7 antibody; PR/SET domain containing protein 07 antibody; PR/SET domain containing protein 8 antibody; PR/SET domain-containing protein 07 antibody; PR/SET07 antibody; PrSET7 antibody; SET 07 antibody; SET 8 antibody; SET domain containing (lysine methyltransferase) 8 antibody; SET domain containing 8 antibody; SET domain containing lysine methyltransferase 8 antibody; SET domain containing protein 8 antibody; SET domain-containing protein 8 antibody; SET07 antibody; SET8 antibody; SETD 8 antibody; setd8 antibody; SETD8_HUMAN antibody; anti-SETD8 antibody

PRODUCT SPECIFICATIONS

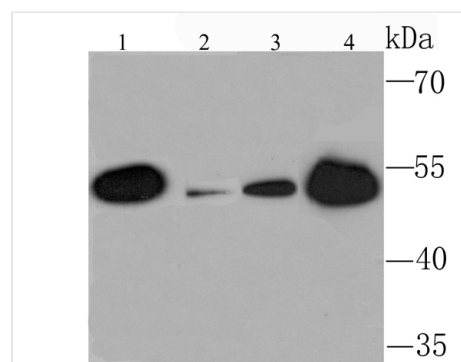
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SETD8 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 293T cells with KMT5A antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



WB (Western Blot)

Western blot analysis of KMT5A on different lysates using anti-KMT5A antibody at 1/1, 000 dilution. Positive control: Lane 1: Mouse kidney Lane 2: Mouse liver Lane 3: 293T Lane 4: 293

ADDITIONAL INFORMATION

Related Product Information for anti-SETD8 antibody	Protein-lysine N-methyltransferase that monomethylates both histones and non-histone proteins. All monomethylates 'Lys-20' of histone H4 (H4K20me1). H4K20me1 is enriched during mitosis and represents a specific tag for epigenetic transcriptional repression. Mainly functions in euchromatin regions, benef playing a central role in the silencing of euchromatic genes. Required for cell proliferation, probably by contribute to the maintenance of proper higher order structure of DNA during mitosis. Involved in chromosome condensation and proper cytokinesis. Nucleosomes are preferred as substrate compared to free histones. Mediates monomethylation of p53/ TP53 at 'Lys-382', leading to repress p53/ TP53-target genes.
Product Categories/Family for anti-SETD8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	25091219
NCBI GeneID	387893
UniProt Accession #	Q9NQR1; Q86W83; Q8TD09; A8K9D0
Molecular Weight	393
NCBI Official Full Name	N-lysine methyltransferase SETD8
NCBI Official Synonym Full Names	SET domain containing (lysine methyltransferase) 8
NCBI Official Symbol	SETD8
NCBI Official Synonym Symbols	SET8; KMT5A; SET07; PR-Set7
NCBI Protein Information	N-lysine methyltransferase SETD8; PR/SET07; H4-K20-HMTase SETD8; lysine N-methyltransferase 5A; SET domain-containing protein 8; PR/SET domain containing protein 8; PR/SET domain-containing protein 07; histone-lysine N-methyltransferase SETD8; H4-K20-spec
UniProt Protein Name	N-lysine methyltransferase SETD8
UniProt Gene Name	SETD8
UniProt Synonym Gene Names	KMT5A; PRSET7; SET07; SET8; PR-Set7; PR/SET07
UniProt Entry Name	SETD8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/kmt5a-setd8-pr-set7-antibody-flow-cytometry-western-blot-elisa/312542>