

Product Name: KMT5A Mouse Monoclonal Antibody**Catalog #: AMM82217**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	42.9kDa

Antigen Information

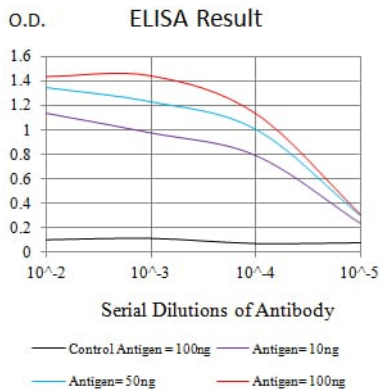
Gene Name	KMT5A
Alternative Names	SET8; SET07; SETD8; PR-Set7
Gene ID	387893.0
SwissProt ID	Q9NQR1
Immunogen	Purified recombinant fragment of human KMT5A (AA: 109-272) expressed in E. Coli.

Background

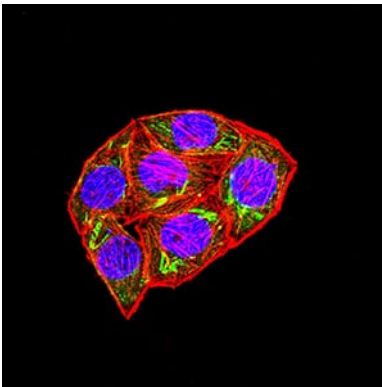
The protein encoded by this gene is a protein-lysine N-methyltransferase that can monomethylate Lys-20 of histone H4 to effect transcriptional repression of some genes. The encoded protein is required for cell proliferation and plays a role in chromatin condensation.

Research Area

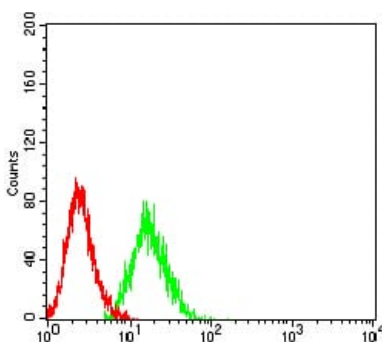
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunofluorescence analysis of Hela cells using KMT5A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HL-60 cells using KMT5A mouse mAb (green) and negative control (red).