Product Name: JMJD6 (3G5) Mouse Monoclonal Antibody
Catalog #: AMM03413

Summary

Production Name	JMJD6 (3G5) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	JMJD6
Alternative Names	JMJD6; KIAA0585; PTDSR; Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6; Histone arginine demethylase JMJD6; JmjC domain-containing protein 6; Jumonji domain-containing protein 6; Lysyl-hydroxylase JMJD6; Peptide-lysine 5-diox
Gene ID	23210
SwissProt ID	Q6NYC1

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 62 kDa

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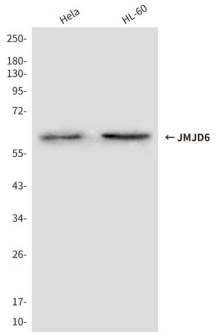
Background

This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

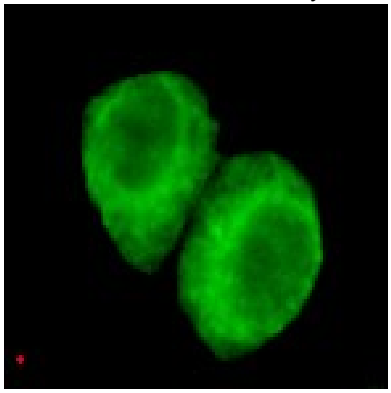
Research Area

Cell Biology

Image Data



Western blot analysis of JMJD6(Nterminus) in Hela and HL-60 lysates using JMJD6(Nterminus) antibody.



Immunocytochemistry analysis of JMJD6 in HeLa cells using JMJD6(Nterminus) antibody.

Note

For research use only.