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Anti-FBL10 Antibody

Catalog # AP95907

Product Information

Application	WB, FC
Primary Accession	Q8NHM5
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	152615

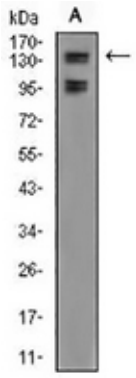
Additional Information

Gene ID	84678
Other Names	CXXC2; FBL10; FBXL10; JHDM1B; PCCX2; Lysine-specifIC, demethylase 2B; CXXC-type zinc finger protein 2; F-box and leucine-rIC, h repeat protein 10; F-box protein FBL10; F-box/LRR-repeat protein 10; JmjC domain-containing histone demethylation protein 1B; Jumonji domain-containing EMSY-interactor methyltransferase motif protein; Protein JEMMA; Protein-containing CXXC domain 2; [Histone-H3]-lysine-36 demethylase 1B
Target/Specificity	Recombinant fusion protein of human FBL10 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

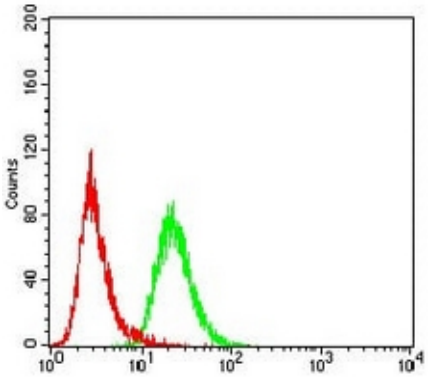
Protein Information

Name	KDM2B (HGNC:13610)
Function	Histone demethylase that demethylates 'Lys-4' and 'Lys-36' of histone H3, thereby playing a central role in histone code (PubMed:16362057, PubMed:17994099, PubMed:26237645). Preferentially demethylates trimethylated H3 'Lys-4' and dimethylated H3 'Lys-36' residue while it has weak or no activity for mono- and tri-methylated H3 'Lys-36' (PubMed:16362057, PubMed:17994099, PubMed:26237645). Preferentially binds the transcribed region of ribosomal RNA and represses the transcription of ribosomal RNA genes which inhibits cell growth and proliferation (PubMed:16362057, PubMed:17994099). May also serve as a substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex (Probable).
Cellular Location	Nucleus, nucleolus. Nucleus. Chromosome

Images



Western blot analysis of FBL10 expression in A549 (A) whole cell lysates. (Predicted band size: 153 kD; Observed band size: 140 kD)



Flow cytometric analysis of HeLa cells using Anti-FBL10 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.