



Mouse anti-Human KDM2B monoclonal antibody, clone 6H2 (CABT-B10511)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	FBXL10 (NP_115979, 457 a.a. ~ 556 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	6H2
Conjugate	Unconjugated
Applications	WB, IF, sELISA, ELISA
Sequence Similarities	LGKKPKAPALRFLKRTLSNESEESVKSTTLAVDYPKPTGSPATEVSAKWTHLTFELKG LKALVEKLESLPENKKCVPEGIEDPQALLEGVKNVLKEH*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four
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subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been determined.

[provided by RefSeq, Jul 2008]

Keywords	KDM2B; lysine (K)-specific demethylase 2B; CXXC2; Fbl10; PCCX2; FBXL10; JHDM1B; lysine-specific demethylase 2B; F-box protein FBL10; F-box/LRR-repeat protein 10; CXXC-type zinc finger protein 2; protein-containing CXXC domain 2; [Histone-H3]-lysine-36 demethylase 1B; F-box and leucine-rich repeat protein 10; jumonji C domain-containing histone demethylase 1B; jmjC domain-containing histone demethylation protein 1B; JEMMA (Jumonji domain, EMSY-interactor, methyltransferase motif) protein;
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GENE INFORMATION

Entrez Gene ID	84678
UniProt ID	A8MRS1
Function	DNA binding; DNA binding; histone demethylase activity; histone demethylase activity (H3-K36 specific); metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; protein binding; rRNA binding; zinc ion binding; zinc ion binding
