



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

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| 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 | LGKKPKAPALRFLKRTLSENESESVKSTTLAVDYPKTPTGSPATEVSAKWTHLTEFELKG 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

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| 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]

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| 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

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| Entrez Gene ID | 84678 |
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| UniProt ID | A8MRS1 |
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| 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 |
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