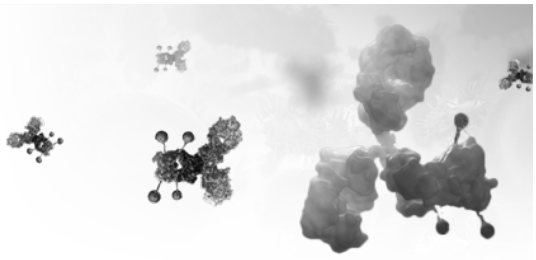

# Mouse anti-Human KDM2A monoclonal antibody [Biotin] (CABT-B9462)

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

## PRODUCT INFORMATION

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|---|---|
| **Immunogen** | 1-517 of 1162 of KDM2A Protein. |
| **Isotype** | IgG1 |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Purification** | Protein A |
| **Conjugate** | Biotin |
| **Applications** | IM |
| **Format** | Liquid |
| **Concentration** | 0.5 mg/ml |
| **Size** | 100 µg |
| **Buffer** | PBS |
| **Preservative** | 0.09% sodium azide |
| **Storage** | Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C |

## 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 and, in addition to an F-box, contains at least six highly degenerated leucine-rich repeats. This family member plays a role in epigenetic silencing. It nucleates at CpG islands and specifically demethylates both mono- and di-methylated lysine-36 of histone H3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012] |
| **Keywords** | KDM2A; lysine (K)-specific demethylase 2A; FBL7; CXXC8; FBL11; FBXL11; JHDM1A; LILINA; lysine-specific demethylase 2A; F-box/LRR-repeat protein 11; CXXC-type zinc finger protein 8; [Histone-H3]-lysine-36 demethylase 1A; F-box and leucine-rich repeat protein 11; jumonji C domain-containing histone demethylase 1A; jmjC domain-containing histone demethylation protein 1A; |

# GENE INFORMATION

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|---|---|
| **Entrez Gene ID** | 22992 |
| **UniProt ID** | Q9Y2K7 |

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