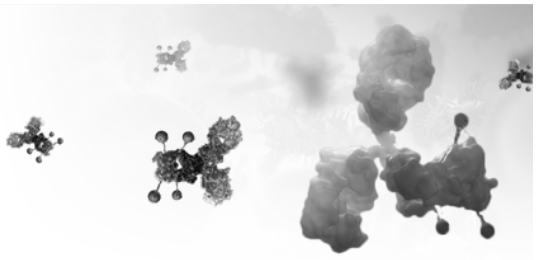

Mouse anti-Human KDM1B monoclonal antibody (CABT-B10510)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein corresponding to C-terminus residues of human KDM1B.
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB,ELISA
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.4 (0.02% sodium azide, 1% BSA, 50% glycerol)
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction	Flavin-dependent histone demethylases, such as KDM1B, regulate histone lysine methylation, an epigenetic mark that regulates gene expression and chromatin function (Karytinos et al., 2009Mouse monoclonal antibody raised against partial recombinant KDM1B.
Keywords	KDM1B; lysine (K)-specific demethylase 1B; Aof1; AI482520; 4632428N09Rik; lysine-specific histone demethylase 1B; amine oxidase, flavin containing 1; lysine-specific histone demethylase 2; flavin-containing amine oxidase domain-containing protein 1;

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GENE INFORMATION

Entrez Gene ID	221656
UniProt ID	Q8NB78
Function	flavin adenine dinucleotide binding; histone demethylase activity (H3-dimethyl-K4 specific); histone demethylase activity (H3-dimethyl-K4 specific); histone demethylase activity (H3-monomethyl-K4 specific); histone demethylase activity (H3-monomethyl-K4 specific); metal ion binding; oxidoreductase activity; zinc ion binding

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