



Mouse anti-Human Kdm8 monoclonal antibody, clone 2G4 (CABT-B10513)

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

PRODUCT INFORMATION

Immunogen	JMJD5 (AAH27911, 1 a.a. ~ 417 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2G4
Conjugate	Unconjugated
Applications	ELISA
Sequence Similarities	MAGDTHCPAEPLAREGTLWEALRALLPHSKEDLKLDLGEKVERSVVTLQLQATELFYEGR RDECLQSSEVILDYSWEKLNLTGTWQDVKDWRRVYAIGCLLKALCLCQAPEDANTVAAAL RVCDMGLLMGAAILGDILLKVAAILQTHLPGRPARGLPEQPCTKKARADHGLIPDVKL EKTVPRLHRPSLQHFREQFLVPGRPVILKGVADHWPCMQKWSLEYIQEIAGCRTVPVEVG SRYTDEEWSQTLMTV
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 likely encodes a histone lysine demethylase. Studies of a similar protein in mouse indicate a potential role for this protein as a tumor suppressor. Alternatively spliced transcript variants have been described. Mouse monoclonal antibody raised against a full-length recombinant JMJD5.
Keywords	KDM8; lysine (K)-specific demethylase 8; Jmjd5; 3110005O21Rik; lysine-specific demethylase 8; jumonji domain containing 5; jmjC domain-containing protein 5; jumonji domain-containing protein 5;

GENE INFORMATION

Entrez Gene ID	79831
UniProt ID	Q8N371
Function	chromatin binding; 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