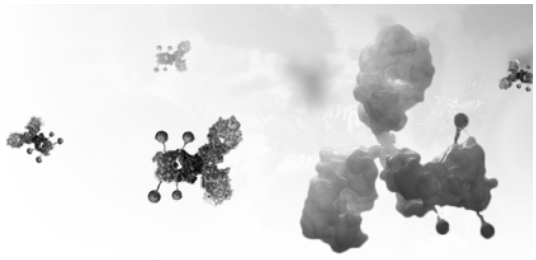

Mouse Anti-Human KMT2C monoclonal antibody, clone 2797DU313.71.70 (CABT-L1939)

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

PRODUCT INFORMATION

Target	Human KMT2C
Immunogen	This MLL3 antibody is generated from a mouse immunized with a recombinant protein of human MLL3.
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2797DU313.71.70
Purification	Protein G purified.
Conjugate	Unconjugated
Applications	WB, ELISA
Cellular Localization	Nucleus
Format	Liquid
Concentration	Lot specific
Buffer	PBS
Preservative	0.09% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

BACKGROUND

Introduction	This gene is a member of the myeloid/lymphoid or mixed-lineage leukemia (MLL) family and encodes a nuclear protein with an AT hook DNA-binding domain, a DHHC-type zinc finger, six PHD-type zinc fingers, a SET domain, a post-SET domain and a RING-type zinc finger. This protein is a member of the ASC-2/NCOA6 complex (ASCOM), which possesses histone methylation activity and is involved in transcriptional coactivation. [provided by RefSeq, Jul 2008]
Keywords	KMT2C; lysine (K)-specific methyltransferase 2C; HALR; MLL3; histone-lysine N-methyltransferase 2C; ALR-like protein; homologous to ALR protein; histone-lysine N-methyltransferase MLL3; myeloid/lymphoid or mixed-lineage leukemia protein 3; histone-lysine N-methyltransferase, H3 lysine-4 specific;

GENE INFORMATION

Gene Name	KMT2C lysine (K)-specific methyltransferase 2C [Homo sapiens (human)]
Official Symbol	KMT2C
Synonyms	KMT2C; lysine (K)-specific methyltransferase 2C; HALR; MLL3; histone-lysine N-methyltransferase 2C; ALR-like protein; homologous to ALR protein; histone-lysine N-methyltransferase MLL3; myeloid/lymphoid or mixed-lineage leukemia protein 3; histone-lysine N-methyltransferase, H3 lysine-4 specific;
Entrez Gene ID	58508
UniProt ID	Q8NEZ4
Chromosome Location	7q36.1
Pathway	Chromatin modifying enzymes; Chromatin organization; Lysine degradation; PKMTs methylate histone lysines;
Function	DNA binding; histone methyltransferase activity (H3-K4 specific); poly(A) RNA binding; protein binding; zinc ion binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221