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Anti-KMT2D / MLL2 Antibody (clone 2E1)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17993

Specification

Anti-KMT2D / MLL2 Antibody (clone 2E1) - Product Information

Application	**WB, IHC-P, E**
Primary Accession	O14686
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a,k**
Calculated MW	**593389**

Anti-KMT2D / MLL2 Antibody (clone 2E1) - Additional Information

Gene ID 8085

Alias Symbol	**KMT2D**

Other Names
KMT2D, AAD10, ALL1-related protein, KABUK1, KMS, Lysine N-methyltransferase 2D, MLL2, Kabuki make-up syndrome, ALR, CAGL114, KMT2B, Lysine N-methyltransferase 2B, TNRC21

Target/Specificity
Human MLL2

Reconstitution & Storage
Protein A purified

Precautions
Anti-KMT2D / MLL2 Antibody (clone 2E1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-KMT2D / MLL2 Antibody (clone 2E1) - Protein Information

Name KMT2D

Synonyms ALR, MLL2, MLL4

Function
Histone methyltransferase that catalyzes methyl group transfer from S-adenosyl-L-methionine to the epsilon-amino group of 'Lys-4' of histone H3 (H3K4) (PubMed:25561738). Part of chromatin remodeling machinery predominantly forms H3K4me1 methylation marks at active chromatin sites where transcription and DNA repair take place (PubMed:25561738, PubMed:17500065). Acts as a coactivator for estrogen receptor by being recruited by ESR1, thereby activating transcription

(PubMed:16603732).

Cellular Location
Nucleus.

Tissue Location
Expressed in most adult tissues, including a variety of hematoipoietic cells, with the exception of the liver

Anti-KMT2D / MLL2 Antibody (clone 2E1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-KMT2D / MLL2 Antibody (clone 2E1) - Images