

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](http://www.uniprot.org/citations/25561738)). Part of chromatin remodeling machinery predominantly forms H3K4me1 methylation marks at active chromatin sites where transcription and DNA repair take place (PubMed:[17500065](http://www.uniprot.org/citations/17500065), PubMed:[25561738](http://www.uniprot.org/citations/25561738)). 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 Cytometry](#)
- [Cell Culture](#)

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