

Mouse anti-Human KMT2D/MLL2 Monoclonal Antibody | anti-KMT2D/MLL2 antibody

Anti-KMT2D/MLL2 Antibody (clone 2E1)

CATALOG # AAA162297	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

KMT2D/MLL2; Monoclonal Antibody; Anti-KMT2D/MLL2 Antibody (clone 2E1); Goat Polyclonal to Human KMT2D/MLL2; KMT2D; AAD10; ALL1-related protein; KABUK1; KMS; Lysine N-methyltransferase 2D; MLL2; Kabuki make-up syndrome; ALR; CAGL114; KMT2B; Lysine N-methyltransferase 2B; TNRC21; anti-KMT2D/MLL2 antibody

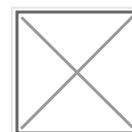
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	2E1
Specificity	Human MLL2
Purity/Purification	Purified from ascites by Protein A
Form/Format	PBS, pH 7.4.
Sequence Length	5537
Applicable Applications for anti-KMT2D/MLL2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	MLL2 (NP_003473, 1487 a.a. ~ 1587 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C or lower. Aliquot to avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-KMT2D/MLL2 antibody	Histone methyltransferase. Methylates 'Lys-4' of histone H3 (H3K4me). H3K4me represents a specific tag for epigenetic transcriptional activation. Acts as a coactivator for estrogen receptor by being recruited by ESR1, thereby activating transcription.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148762969
NCBI GeneID	8085
NCBI Accession #	NP_003473.3
NCBI GenBank Nucleotide #	NM_003482.3
UniProt Accession #	O14686; O14687
Molecular Weight	593,677 Da
NCBI Official Full Name	histone-lysine N-methyltransferase 2D
NCBI Official Synonym Full Names	lysine methyltransferase 2D
NCBI Official Symbol	KMT2D
NCBI Official Synonym Symbols	ALR; KMS; MLL2; MLL4; AAD10; KABUK1; TNRC21; CAGL114
NCBI Protein Information	histone-lysine N-methyltransferase 2D
UniProt Protein Name	Histone-lysine N-methyltransferase 2D
UniProt Gene Name	KMT2D
UniProt Synonym Gene Names	ALR; MLL2; MLL4; Lysine N-methyltransferase 2D

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/kmt2d-ml12-antibody-clone-2e1-western-blot-immunohistochemistry-elisa/162297>