

## KMT2D Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2412
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human KMT2D (AA: 445-599) expressed in E. Coli.
<b>Mol wt</b>	593kDa
<b>Species reactivity</b>	Others
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	ALR;KMS;MLL2;MLL4;AAD10;KABUK1;TNRC21;CAGL114

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by this gene is a histone methyltransferase that methylates the Lys-4 position of histone H3. The encoded protein is part of a large protein complex called ASCOM, which has been shown to be a transcriptional regulator of the beta-globin and estrogen receptor genes. Mutations in this gene have been shown to be a cause of Kabuki syndrome.

### Recommended Dilution

WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

ELISA: 1:10000

Not yet tested in other applications.

### Images

No images.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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