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# EB05728 - Goat Anti-KMT2D/MLL2 Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

**Principal Names:** MLL2, myeloid/lymphoid or mixed-lineage leukemia 2, ALR, ALL1-related gene, AAD10, CAGL114, KMT2D, MLL4, TNRC21, ALL1-related, trinucleotide repeat containing 21, KMS, KABUK1, Lysine methyltransferase 2D, Methyl transferase 2D

Official Symbol: KMT2D

Accession Number(s): NP\_003473.3

Human GeneID(s): 8085

**Important Comments:** The immunizing peptide was designed from NP\_003473.1. Since then the sequence has changed in the databases and currently differs at two locations in NP\_003473.3.

## **Immunogen**

Peptide with sequence DSQNLAGEDKDSQ-C, from the N Terminus of the protein sequence according to NP\_003473.3.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

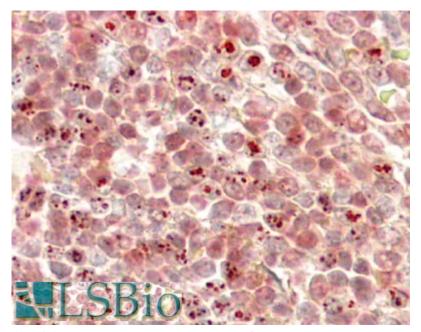
**Western blot:** Using our routine western blotting protocol we would not expect to reliably detect proteins larger than 250kDa (calculated MW of approx. 593KDa according to NP\_003473.3).

IHC: In paraffin embedded Human Placenta shows nuclear staining in the trophoblasts . Similar nuclear patches are observed in Human Liver. Recommended concentration: 4-8µg/ml.

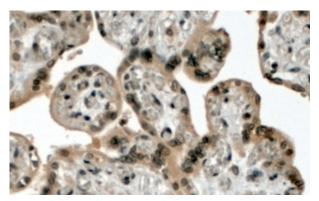
# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB05728 (3.8μg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05728 (4μg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.