



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05729 - Goat Anti-KMT2B/MLL4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** KMT2B, MLL4, HRX2, MLL2, WBP7, DYT28, MLL1B, myeloid/lymphoid or mixed-lineage leukemia 4, CXXC10, histone-lysine N-methyltransferase 2B, KIAA0304, Lysine N-methyltransferase 2B, mixed lineage leukemia 4, WBP-7, WBP-7

**Official Symbol:** KMT2B

**Accession Number(s):** NP\_055542.1

**Human GenelD(s):** [9757](#)

**Non-Human GenelD(s):** 75410 (mouse)

### Immunogen

Peptide with sequence CNCGAKRCRRFLN, from the C Terminus of the protein sequence according to NP\_055542.1.

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 1:128000.

**Western blot:** Using our routine western blotting protocol we would not expect to reliably detect proteins larger than 250kDa (calculated MWt. of approx. 294KDa according to NP\_055542.1).

**IHC:** Positive staining seen in paraffin embedded Human Testis and Human Brain Cortex. Recommended concentration: 5-10µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig

EB05729 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05729 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.