

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB11612 - Goat Anti-MAT2B (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** beta regulatory subunit of methionine adenosyltransferase, dTDP-4-keto-6-deoxy-D-glucose 4-reductase, MAT II beta, MAT2B, MAT-II, MATIIbeta, methionine adenosyltransferase 2 subunit beta, methionine adenosyltransferase II, beta, MGC12237, Nbla02999, OTTHUMP00000160916, OTTHUMP00000160917, OTTHUMP00000224275, OTTHUMP00000224294, putative protein product of Nbla02999, SDR23E1, short chain dehydrogenase/reductase family 23E, member 1, TGR

**Official Symbol:** MAT2B

**Accession Number(s):** NP\_037415.1

**Human GeneID(s):** [27430](#)

**Non-Human GeneID(s):** 108645 (mouse), 683630 (rat)

**Important Comments:** This antibody is expected to recognize reported isoform 1 (NP\_037415.1) only.

### Immunogen

Peptide with sequence REKELSIHFVPGS-C, from the N Terminus of the protein sequence according to NP\_037415.1.

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

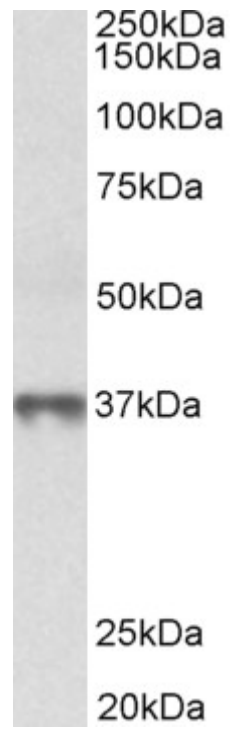
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 37kDa band observed in Human Thymus, Tonsil and Spleen lysates (calculated MW of 37.6kDa according to NP\_037415.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB11612 (0.3 $\mu$ g/ml) staining of Human Thymus lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.