

#### **UK Office**

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

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

## **US Office**

#### **Everest Biotech c/o Abcore**

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

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# EB06329 - Goat Anti-MUTYH Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: MUTYH, MYH, mutY homolog (E. coli), mutY (E. coli) homolog, RP4-534D1.2, CYP2C, MGC4416, A/G-specific adenine DNA glycosylase, OTTHUMP0000009098, OTTHUMP0000009102, mutY homolog Official Symbol: MUTYH Accession Number(s): NP\_036354.1; NP\_001041636.1; NP\_001041637.1; NP\_001041638.1; NP\_001121897.1 Human GenelD(s): 4595 Important Comments: This antibody is expected to recognise all reported isoforms (NP\_036354.1; NP\_001041636.1; NP\_001041637.1; NP\_001041638.1; NP\_001121897.1). Reported variants represent identical protein (NP\_001041638.1; NP\_001041639.1).

#### Immunogen

Peptide with sequence C-HISTDAHSLNSAAQ, from the C Terminus of the protein sequence according to NP\_036354.1; NP\_001041636.1; NP\_001041637.1; NP\_001041638.1; NP\_001121897.1.

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 1:16000.

Western blot: Approx 60kDa band observed in Human Bone Marrow lysates (calculated MW of 60.0kDa according to NP\_036354.1). Recommended concentration: 0.1-0.3µg/ml.

#### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human

250kDa 150kDa 100kDa
 75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

EB06329 (0.1µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.