

#### **International Office**

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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, OTTHUMP0000000998, OTTHUMP00000009102, 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



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