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

EB05530 - Goat Anti-MLH3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MLH3, mutL homolog 3 (E. coli), HNPCC, HNPCC7, MGC138372, S240II117, mutL (E. coli) homolog 3, mismatch repair gene MLH3, DNA mismatch repair protein MLH3, mutL homolog 3

Official Symbol: MLH3

Accession Number(s): NP_001035197.1; NP_055196.2

Human GeneID(s): [27030](#)

Important Comments: This antibody is expected to recognize isoform 1 (NP_001035197.1) and isoform 2 (NP_055196.2).

Immunogen

Peptide with sequence RQSLQQSMPPCEPP, from the C Terminus of the protein sequence according to NP_001035197.1; NP_055196.2.

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 1:2000.

Immunofluorescence: Strong expression of the protein seen in the nuclei of HeLa cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB05530 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB05530 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.