

Goat anti-MLH3 Antibody

Item Number dAP-0209

Target Molecule Principle Name: MLH3; Official Symbol: MLH3; All Names and Symbols: 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; Accession Number (s): NP_001035197.1; NP_055196.2; Human Gene ID(s): 27030; Non-Human GenID(s):

Immunogen RQSLQQSMPPCEPP, is from C Terminus
This antibody is expected to recognize isoform 1 (NP_001035197.1) and isoform 2 (NP_055196.2).

Applications Pep ELISA

Species Tested:

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 2000.

Western Blot Western Blot: No signal obtained yet but low background observed in HeLa lysate at up to 2µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

IHC

Reference Reference(s): Lipkin SM, Wang V, Jacoby R, Banerjee-Basu S, Baxevanis AD, Lynch HT, Elliott RM, Collins FS. MLH3: a DNA mismatch repair gene associated with mammalian microsatellite instability. *Nat Genet*. 2000 Jan;24(1):27-35..PMID: 10615123->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**