

Goat anti-PMS1 Antibody

Item Number dAP-0124

Target Molecule Principle Name: PMS1; Official Symbol: PMS1; All Names and Symbols: PMS1; PMS1 postmeiotic segregation increased 1 (S. cerevisiae); PMSL1; hPMS1; HNPCC3; postmeiotic segregation 1; human homolog of yeast mutL; MLH1; DKFZp781M0253; FLJ98259; mismatch repair gene PMSL1; postmeiotic segregation 1; rhabdomyosarcoma antigen MU; Accession Number (s): NP_000525.1; NP_001121615.1; NP_001121616.1; Human Gene ID(s): 5378; Non-Human GenelD(s):

Immunogen RPFFHHLTYLPETT, is from C Terminus
This antibody is expected to recognise all reported isoforms.

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 32000.

Western Blot Western Blot: No signal obtained yet but low background observed in Human Brain and Kidney extracts 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): Nicolaides NC, Papadopoulos N, Liu B, Wei YF, Carter KC, Ruben SM, Rosen CA, Haseltine WA, Fleischmann RD, Fraser CM. Mutations of two PMS homologues in hereditary nonpolyposis colon cancer. *Nature*. 1994 Sep 1;371(6492):75-80..PMID: 8072530->

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 ender users! This product is sold for **Research Use Only**