

Goat anti-MUC16 / CA125 Antibody

Item Number	dAP-2077
Target Molecule	Principle Name: MUC16 / CA125; Official Symbol: MUC16; All Names and Symbols: MUC16; mucin 16, cell surface associated; CA125; FLJ14303; CA125 ovarian cancer antigen; mucin 16; Accession Number (s): NP_078966.2; Human Gene ID(s): 94025; Non-Human GeneID(s):
Immunogen	PQNLSIRGEYQIN, is from C Terminus
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 16000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 1519kDa according to NP_078966.2. Therefore we cannot recommend an optimal concentration and the antibody
IHC	

Reference	Reference(s): Huhtinen K, Suvitie P, Hiissa J, Junnila J, Huvila J, Kujari H, Setälä M, Härkki P, Jalkanen J, Fraser J, Mäkinen J, Auranen A, Poutanen M, Perheentupa A. Serum HE4 concentration differentiates malignant ovarian tumours from ovarian endometriotic cysts. British journal of cancer 2009 Apr 100 (8):
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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**