

Goat anti-p15INK4b (isoform 2) Antibody

Item Number	dAP-2919
Target Molecule	Principle Name: p15INK4b (isoform 2); Official Symbol: CDKN2B; All Names and Symbols: CDKN2B; cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4); CDK4I; INK4B; MTS2; P15; TP15; p15INK4b; CDK inhibitory protein; CDK4B inhibitor; MTS-2; cyclin-dependent kinase 4 inhibitor B; cyclin-dependent kinases 4 and 6 binding protein; multiple t; Accession Number (s): NP_004927.2; NP_511042.1; Human Gene ID (s): 1030; Non-Human GeneID(s):
Immunogen	RQGARERGARP, is from C Terminus This antibody is expected to recognize isoform 2 (NP_511042.1) only.
Applications	Pep ELISA, WB Species Tested: Human
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 128000.
Western Blot	Western Blot: Approx 12+14kDa bands observed in Human Gastrointestinal cancer lysates (calculated MW of 8.1kDa according to NP_511042.1). The observed 14kDa cannot represent isoform 1 and therefore it most likely represents another posttranslational modi
IHC	
Reference	Reference(s): Geyer CR. Strategies to re-express epigenetically silenced p15(INK4b) and p21(WAF1) genes in acute myeloid leukemia. Epigenetics. 2010 Nov-Dec;5(8):696-703. Review..PMID: 21124069->

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**