

Goat anti-Osteopontin / SPP1 Antibody

Item Number	dAP-0689
Target Molecule	Principle Name: Osteopontin / SPP1; Official Symbol: SPP1; All Names and Symbols: SPP1; HGNC:11255; secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1); BNSP; BSP1; ETA-1; MGC110940; OPN; Secreted phosphoprotein-1 (osteopontin, bone sialoprotein); secreted phosphoprotein 1; SPP1/CALPHA1 fusion;; Accession Number (s): NP_001035147.1; NP_000573.1; NP_001035149.1; Human Gene ID(s): 6696; Non-Human GeneID(s): 20750 (mouse)
Immunogen	DPKSKEEDKHLK, is from C Terminus
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 32000.
Western Blot	Western Blot: Approx 60kDa band observed in lysates of Human Tonsil and lysates of cell line MOLT4 and Jurkat (calculated MW of 33.8kDa according to NP_000573.1). The observed molecular weight corresponds to earlier findings in literature (Singh et al,
IHC	
Reference	Reference(s): Kolb A, Kleeff J, Guweidhi A, Esposito I, Giese NA, Adwan H, Giese T, Buchler MW, Berger MR, Friess H. Osteopontin Influences the Invasiveness of Pancreatic Cancer Cells and is Increased in Neoplastic and Inflammatory Conditions. Cancer Biol Ther. 2005 Jul 5;4(7) [Epub ahead of print] .PMID:

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**