

Goat anti-VEGFA (aa288-299) Antibody

Item Number	dAP-2731
Target Molecule	Principle Name: VEGFA (aa288-299); Official Symbol: VEGFA; All Names and Symbols: VEGFA; vascular endothelial growth factor A; MGC70609; MVCD1; VEGF; VPF; OTTHUMP00000016487; OTTHUMP00000016488; OTTHUMP00000165985; OTTHUMP00000165986; OTTHUMP00000165987; OTTHUMP00000224107; OTTHUMP00000224108; OTTHUMP00000224109; OTTHUMP00000224153; OT; Accession Number (s): NP_001020537.2; NP_003367.4; NP_001020538.2; NP_001020539.2; etc.; Human
Immunogen	RIKPHQGQHIGE, is from internal region This antibody is expected to recognize all reported isoforms.
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 45kDa band observed in lysates of cell line HEK293 (calculated MW of 45.5kDa according to NP_001020537.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Weiss TW, Simak R, Kaun C, Rega G, Pflüger H, Maurer G, Huber K, Wojta J. Oncostatin M and IL-6 induce u-PA and VEGF in prostate cancer cells and correlate in vivo. Anticancer Res. 2011 Oct;31(10):3273-8..PMID: 21965736->

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**