Goat anti-CD38 (aa226-237) Antibody

Item Number	dAP-3052
Target Molecule	Principle Name: CD38 (aa226-237); Official Symbol: CD38; All Names and Symbols: CD38; CD38 mole-cule; T10; ADP-ribosyl cyclase 1; ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase; CD38 antigen (p45); NAD(+) nucleosidase; cADPr hydrolase 1; cyclic ADP-ribose hydrolase 1; Accession Number (s): NP_001766.2; Human Gene ID(s): 952; Non-Human GeneID(s):
Immunogen	EVHNLQPEKVQT, is from internal region
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; Reconsititute 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 37kDa band observed in Human Spinal Cord cancer lysates (calculated MW of 34.3kDa according to NP_001766.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Schmid F, Bruhn S, Weber K, Mittrücker HW, Guse AH. CD38: a NAADP degrading enzyme. FEBS letters 2011 Nov 585 (22): 3544-8..PMID: 22020217->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final condi-tions should be optimized by the ender users! This product is sold for Research Use Only