Goat anti-PSME2 Antibody

Item Number	dAP-1086
Target Molecule	Principle Name: PSME2; Official Symbol: PSME2; All Names and Symbols: PSME2; proteasome (prosome, macropain) activator subunit 2 (PA28 beta); PA28B; PA28beta; REGbeta ; 11S regulator complex beta subunit; MCP activator, 31-kD subunit; activator of multicatalytic protease subunit 2; cell migration-inducing protein 22; protea; Accession Number (s): NP_002809.2; Human Gene ID(s): 5721; Non-Human GeneID(s): 19188 (mouse) 29614 (rat)
Immunogen	NLEKIVNPKGEEKP, is from C Terminus
Applications	Pep ELISA, WB, IHC
	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; Reconsitute 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 27kDa band observed in Human Spleen lysates (calculated MW of 27.4kDa according to NP_002809.2). Recommended concentration: 0.5-1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.
Reference	Reference(s): Brychcy M, Kuckelkorn U, Hausdorf G, Egerer K, Kloetzel PM, Burmester GR, Feist E. Anti-20S proteasome autoantibodies inhibit proteasome stimulation by proteasome activator PA28. Arthritis Rheum. 2006 Jul;54(7):2175-83..PMID: 16802355->

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