



Goat anti-LMP7 Antibody

Item Number	dAP-1818
Target Molecule	Principle Name: LMP7; Official Symbol: PSMB8; All Names and Symbols: PSMB8; proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7); D6S216; D6S216E; LMP7; MGC1491; PSMB5i; RING10; beta5i; OTTHUMP00000029420; OTTHUMP00000029421; OTTHUMP00000062981; low molecular weight protein 7; macropain; Accession Number (s): NP_004150.1; NP_683720.2; Human Gene ID(s): 5696; Non-Human GeneID(s): 16913 (mouse) 24968 (rat)
Immunogen	DVSDLLHQYREANQ, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_004150.1; NP_683720.2).
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; 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 8000.
Western Blot	Western Blot: Approx 22kDa band observed in Human Liver, Lung and Lymph Node lysates (calculated MW of 29.8kDa according to precursor NP_004150.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Sch
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Deshpande A, Wheeler CM, Hunt WC, Peyton CL, White PS, Valdez YE, Nolan JP. Variation in HLA class I antigen-processing genes and susceptibility to human papillomavirus type 16-associated cervical cancer. The Journal of Infectious Diseases 2008 Feb 197 (3): 371-81..PMID: 18248301->

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**