



Goat anti-PSMB7 Antibody

Item Number	dAP-2218
Target Molecule	Principle Name: PSMB7; Official Symbol: PSMB7; All Names and Symbols: PSMB7; proteasome (prosome, macropain) subunit, beta type, 7; Z; macropain chain Z; multicatalytic endopeptidase complex chain Z; proteasome beta 7 subunit; proteasome catalytic subunit 2; proteasome subunit Z; proteasome subunit alpha; proteasome subunit; Accession Number (s): NP_002790.1; Human Gene ID(s): 5695; Non-Human GeneID(s): 19177 (mouse) 85492 (rat)
Immunogen	RNAVLEADFAKR, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 40kDa band observed in lysates of cell lines HEK 293, HeLa and Jurkat and of Mouse Fetal Brain (calculated MW of 30.0kDa according to NP_002790.1). The observed molecular weight corresponds to earlier findings with different antibody
IHC	
Reference	Reference(s): Munkácsy G, Abdul-Ghani R, Mihály Z, Tegze B, Tchernitsa O, Surowiak P, Schäfer R, Györffy B. PSMB7 is associated with anthracycline resistance and is a prognostic biomarker in breast cancer. Br J Cancer. 2010 Jan 19;102(2):361-8..PMID: 20010949->

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**