

## Goat anti-PSMB9 Antibody

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| <b>Item Number</b>     | dAP-2234   |
| <b>Target Molecule</b> | Principle Name: PSMB9; Official Symbol: PSMB9; All Names and Symbols: PSMB9; proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2); LMP2; MGC70470; PSMB6i; RING12; beta1i; low molecular mass protein 2; macropain chain 7; multicatalytic endopeptidase complex chain 7; proteasome beta 9 subu; Accession Number (s): NP_002791.1; Human Gene ID(s): 5698; Non-Human GeneID(s): 16912 (mouse) 24967 (rat) |
| <b>Immunogen</b>       | RNISYKYRED, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Human, Rat  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 2000.  |
| <b>Western Blot</b>    | Western Blot: Approx 22kDa band observed in Human Thymus lysates and approx. 20kDa in Rat Thymus (calculated MW of 23.3kDa according to Human NP_002791.1 and Rat NP_036840.2). Recommended concentration: 0.3-1µg/ml.   |
| <b>IHC</b>             |  |
| <b>Reference</b>       | Reference(s): Camarena A, Aquino-Galvez A, Falfán-Valencia R, Sánchez G, Montañó M, Ramos C, Juárez A, García-de-Alba C, Granados J, Selman M. PSMB8 (LMP7) but not PSMB9 (LMP2) gene polymorphisms are associated to pigeon breeder's hypersensitivity pneumonitis. Respiratory medicine 2010 Feb :   |

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**