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Research Use Only. Not for diagnostic or therapeutic use.

EB10368 - Goat Anti-PSMB9 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: beta1i, LMP2, low molecular mass protein 2, macropain chain 7, MGC70470, multicatalytic endopeptidase complex chain 7, proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2), proteasome beta 9

subu, PSMB6i, RING12, PSMB9

Official Symbol: PSMB9

Accession Number(s): NP_002791.1

Human GeneID(s): 5698

Non-Human GenelD(s): 16912 (mouse), 24967 (rat)

Immunogen

Peptide with sequence C-RNISYKYRED, from the internal region of the protein sequence according to NP_002791.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

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.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10368 (1µg/ml) staining of Human Thymus Iysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10368 (0.3μg/ml) staining of Rat Thymus lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.