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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 GeneID(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

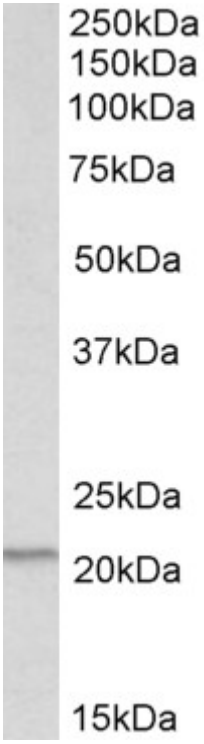
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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



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

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