



## UK Office

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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 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

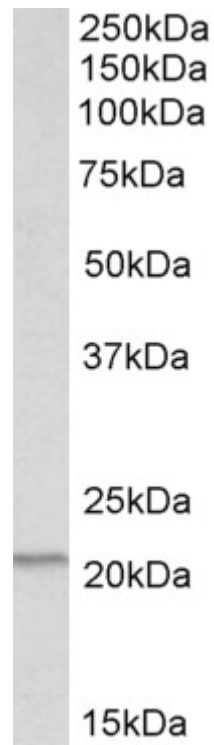
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**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.

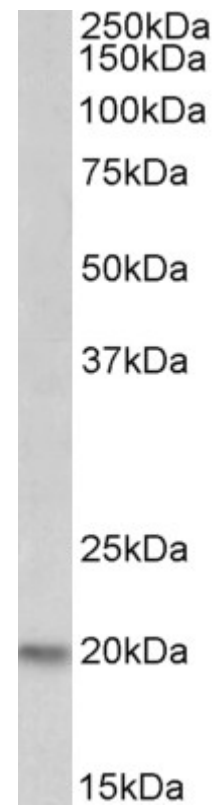
### Species Reactivity

**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.