



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10298 - Goat Anti-PSMB7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** macropain chain Z, multicatalytic endopeptidase complex chain Z, proteasome (prosome, macropain) subunit, beta type, 7, proteasome beta 7 subunit, proteasome catalytic subunit 2, proteasome subunit alpha, proteasome subunit Z, PSMB7

**Official Symbol:** PSMB7

**Accession Number(s):** NP\_002790.1

**Human GeneID(s):** [5695](#)

**Non-Human GeneID(s):** 19177 (mouse), 85492 (rat)

### Immunogen

Peptide with sequence C-RNAVLEADFAKR, from the internal region of the protein sequence according to NP\_002790.1.

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 1:32000.

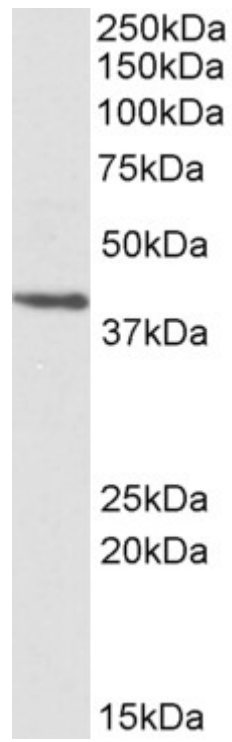
**Western blot:** Approx 40kDa band observed in lysates of cell lines HEK 293, HeLa and Jurkat and of Mouse Fetal Brain (calculated MW of 30.0kDa according to NP\_002790.1).

This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

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



EB10298 (0.3 $\mu$ g/ml) staining of HEK293 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.