

## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

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

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

## EB06941 - Goat Anti-PSMB5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PSMB5, proteasome (prosome, macropain) subunit, beta type, 5, HGNC:9542, LMPX, MB1, X, PSX large multifunctional protease X, macropain epsilon chain, multicatalytic endopeptidase complex epsilon chain, proteasome beta 5 subunit, proteasome catalytic subunit 3, proteasome chain 6 proteasome epsilon chain, proteasome subunit MB1, proteasome subunit X, proteasome subunit, beta type, 5

**Official Symbol:** PSMB5

**Accession Number(s):** NP\_002788.1

**Human GeneID(s):** [5693](#)

### Immunogen

Peptide with sequence C-DNVADLHEKYSGSTP, from the C Terminus of the protein sequence according to NP\_002788.1.

### 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 1:4000.

**Western blot:** Western Blot: Preliminary experiments in Human lysates of Bone Marrow, Lymph Node, Spleen, Tonsil and Thymus gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat, Dog