



International Office

Everest Biotech Ltd

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

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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

EB10295 - Goat Anti-PSMB4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HN3, HsN3, macropain beta chain, multicatalytic endopeptidase complex beta chain, PROS26, proteasome (prosome, macropain) subunit, beta type, 4, proteasome beta 4 subunit, proteasome beta chain, proteasome chain 3, proteasome subunit HsN3, PSMB4

Official Symbol: PSMB4

Accession Number(s): NP_002787.2

Human GeneID(s): [5692](#)

Non-Human GeneID(s): 19172 (mouse), 58854 (rat)

Immunogen

Peptide with sequence C-QIATVTEKGVE, from the internal region of the protein sequence according to NP_002787.2.

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 1:16000.

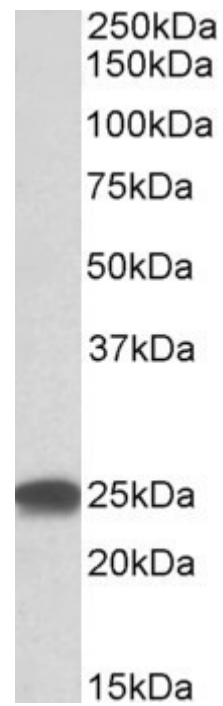
Western blot: Approx 25kDa band observed in lysates of cell lines NIH3T3, HEK293, HeLa, Jurkat and K562 (calculated MW of the mature protein 24.3kDa according to aa46-264 of NP_002787.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Skin. Recommended concentration: 3.75µg/ml.

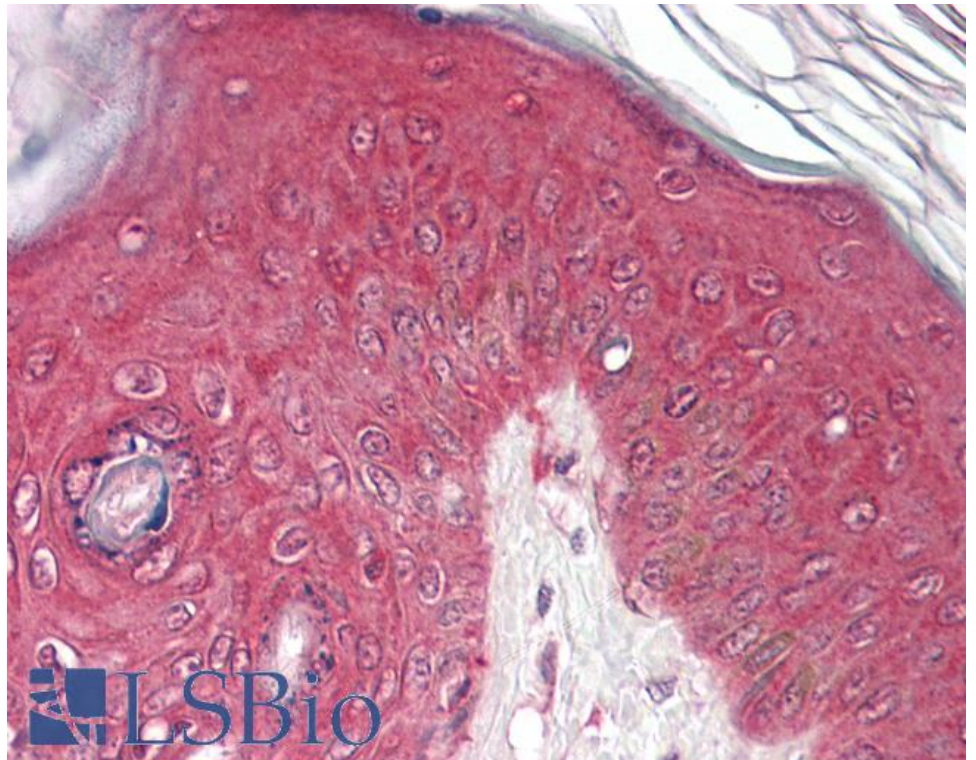
Species Reactivity

Tested: Human, Mouse

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



EB10295 (0.3 μ g/ml) staining of HEK293 lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB10295 (3.75 μ g/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.