



## 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.**

## EB12495 - Goat Anti-BMI1 (aa237-251) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BMI1, BMI1 polycomb ring finger oncogene, FLV12/BMI1, PCGF4, RNF51, B lymphoma Mo-MLV insertion region 1 homolog, flvi-2/bmi-1, murine leukemia viral (bmi-1) oncogene homolog, polycomb complex protein BMI-1, polycomb group RING finger protein 4, polycomb

**Official Symbol:** BMI1

**Accession Number(s):** NP\_005171.4

**Human GeneID(s):** [648](#)

**Non-Human GeneID(s):** 12151 (mouse)

### Immunogen

Peptide with sequence C-SHQRDGLTNAGELES, from the internal region of the protein sequence according to NP\_005171.4.

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 1:128000.

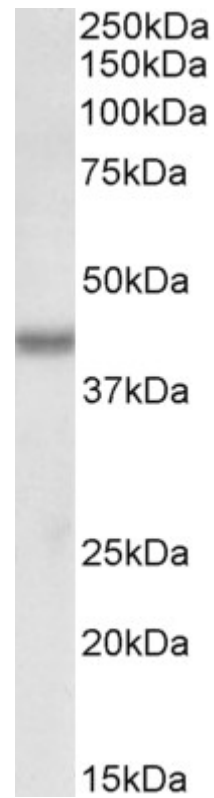
**Western blot:** Approx 40kDa band observed in nuclear lysates of cell lines K562 and NIH3T3 (calculated MW of 36.9kDa according to NP\_005171.4). This band corresponds to earlier findings in literature with different antibodies (Chagraoui et al, Genes Dev. 2006 Aug 1;20(15):2110-20. PMID: 16882984). Recommended concentration: 0.1-0.3µg/ml. Approx 37kDa band observed in Pig Bone Marrow lysates (calculated MW of 36.9kDa according to NP\_001272900.1 ). Recommended concentration: 1-3µg/ml.

**IHC:** Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

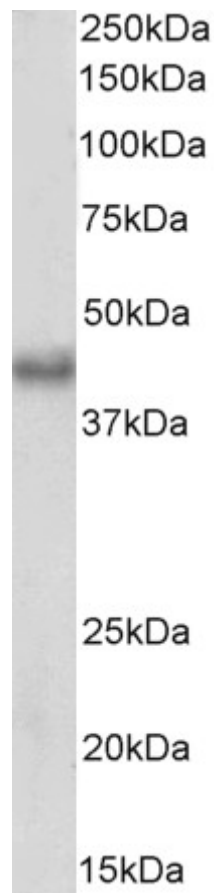
### Species Reactivity

**Tested:** Human, Mouse, Pig

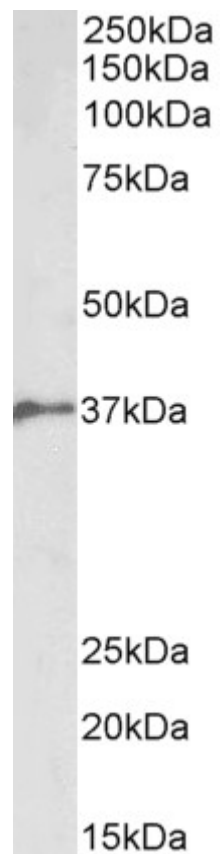
**Expected from sequence similarity:** Human, Mouse, Dog, Pig



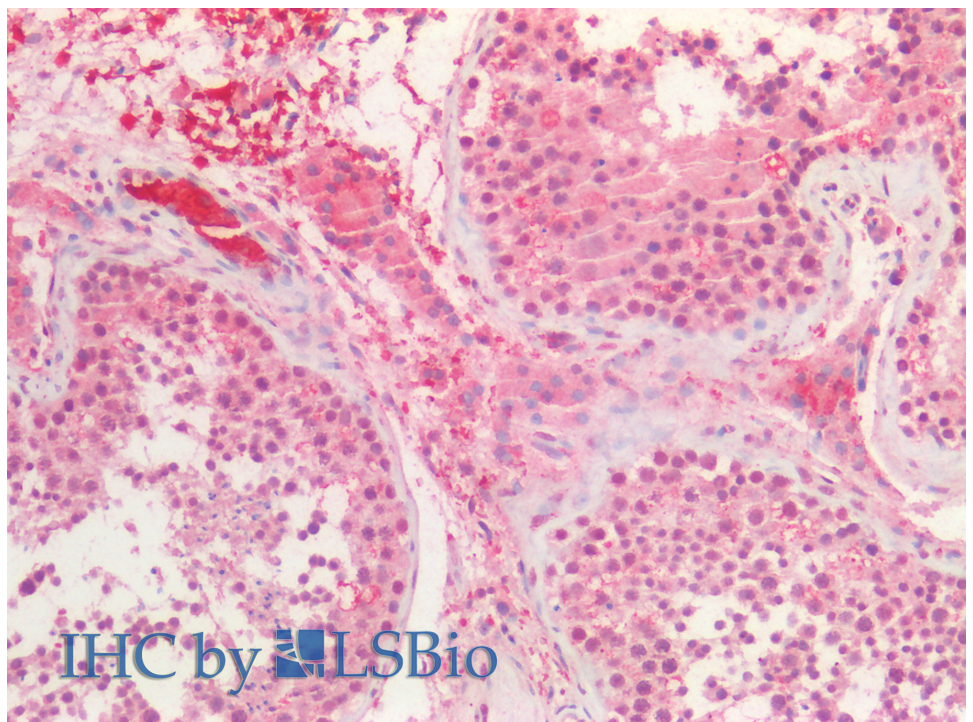
EB12495 (0.1 $\mu$ g/ml) staining of K562 nuclear lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12495 (0.3 $\mu$ g/ml) staining of NIH3T3 nuclear lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12495 (2µg/ml) staining of Pig Bone Marrow lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12495 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.