

## 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.**

## EB07369 - Goat Anti-VPS29 (Internal) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** VPS29, vacuolar protein sorting 29 (yeast), DC15, DC7, DKFZp564F0223, FLJ20492, PEP11, retromer protein, vacuolar protein sorting 29, vacuolar protein sorting 29 (yeast homolog), vacuolar sorting protein VPS29/PEP11, x 007 protein

**Official Symbol:** VPS29

**Accession Number(s):** NP\_057310.1; NP\_476528.1

**Human GeneID(s):** [51699](#)

**Non-Human GeneID(s):** 56433 (mouse), 288666 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_057310.1 and NP\_476528.1).

### Immunogen

Peptide with sequence CTGNLCTKESYDYLK, from the internal region of the protein sequence according to NP\_057310.1; NP\_476528.1.

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 1:16000.

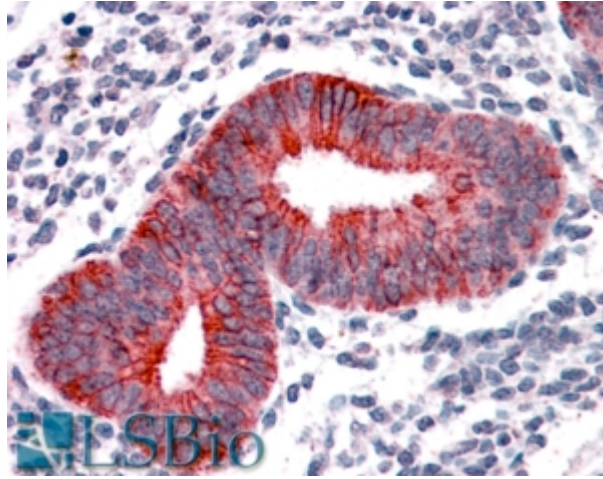
**Western blot:** Preliminary experiments gave an approx 60kDa band in Human Spleen lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 20.5kDa according to NP\_057310.1 and 20.9kDa according to NP\_476528.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Uterus and Placenta. Recommended concentration: 3.75µg/ml.

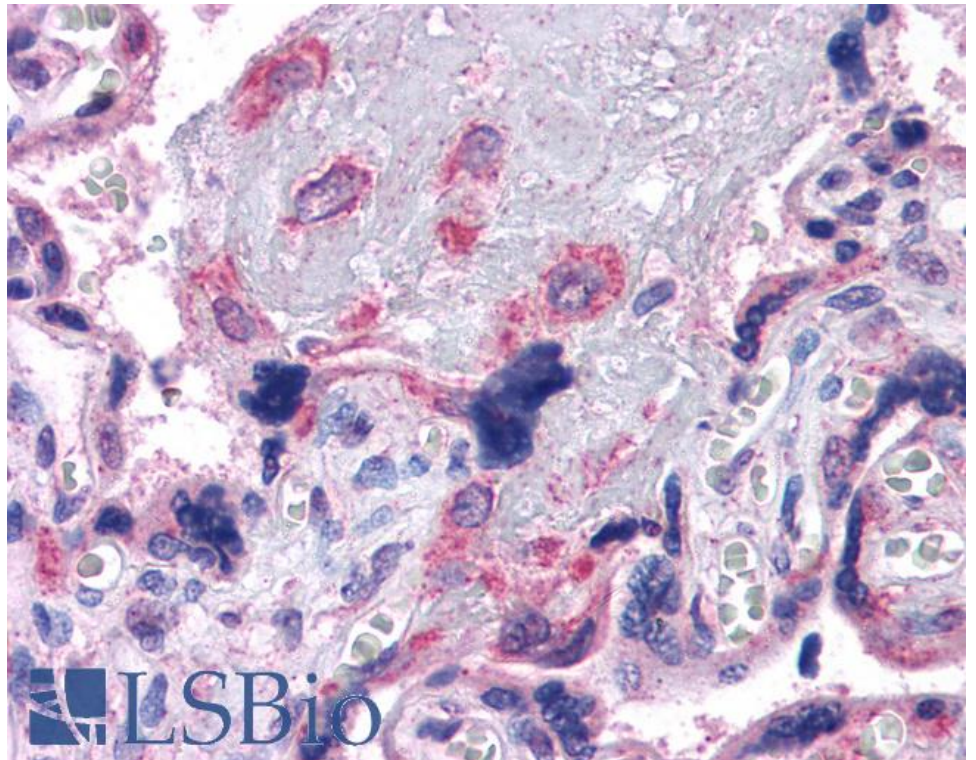
### Species Reactivity

**Tested:** Human

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



EB07369 (3.75µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07369 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.