

## 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.**

## EB07218 - Goat Anti-HSD3B1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HSD3B1, hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1, HGNC:5217, HSD3B, HSDB3, Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 1

**Official Symbol:** HSD3B1

**Accession Number(s):** NP\_000853.1

**Human GeneID(s):** [3283](#)

### Immunogen

Peptide with sequence C-DRHKETLKSKTQ, from the C Terminus of the protein sequence according to NP\_000853.1.

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 1:128000.

**Western blot:** Approx 40kDa band observed in Human Placenta and Adrenal Gland lysates (calculated MW of 42.3kDa according to NP\_000853.1). Recommended concentration: 0.003-0.01µg/ml.

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

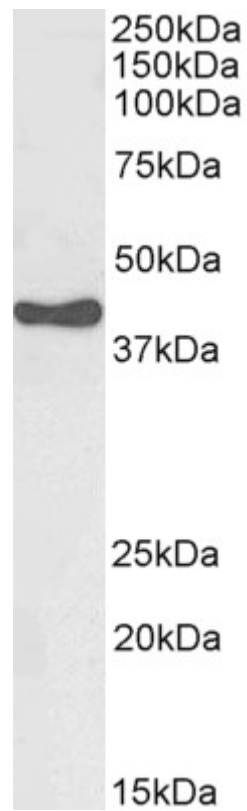
### Species Reactivity

**Tested:** Human

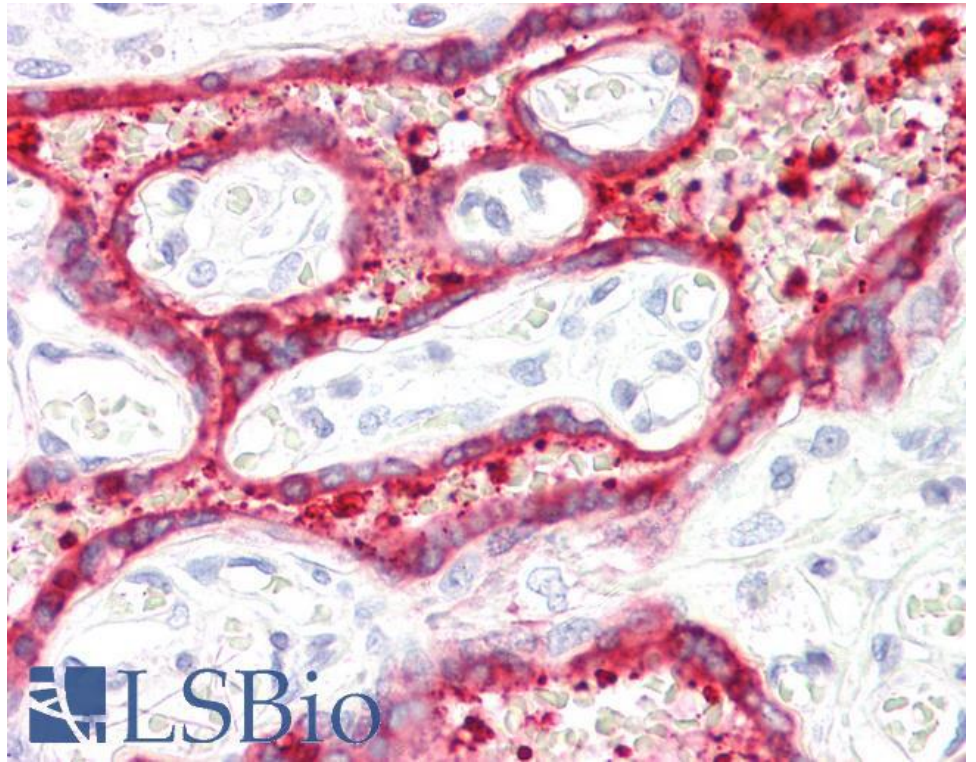
**Expected from sequence similarity:** Human



EB07218 (0.01 $\mu$ g/ml) staining of Human Placenta lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07218 (0.003 $\mu$ g/ml) staining of Human Adrenal Gland lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07218 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.