

## 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.**

## EB10019 - Goat Anti-POU2F1 / OCT1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** OCT1, Octamer-binding transcription factor-1, OTF1, OTTHUMP00000032348, POU class 2 homeobox 1, POU domain, class 2, transcription factor 1, POU2F1

**Official Symbol:** POU2F1

**Accession Number(s):** NP\_002688.2

**Human GeneID(s):** [5451](#)

### Immunogen

Peptide with sequence C-NVQSKSNEESGDSQQ, from the internal region (near N Terminus) of the protein sequence according to NP\_002688.2.

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 1:4000.

**Western blot:** Approx 100kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 76.5kDa according to NP\_002688.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human

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



EB10019 (0.5µg/ml) staining of nuclear HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.