

# GOAT ANTI-OCT4 / POU5F1 (MOUSE) ANTIBODY

**SKU:** EB10037

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                                                                                                                                                       |
| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                                                                                                                |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                                                            |
| <b>Synonym / Alias Names</b> | Pou5f1 POU domain, class 5, transcription factor 1 Otf-4 Otf4 Otf3-rs7 Otf3g Otf-3 Otf3 Oct-4 Oct4 Oct-3/4 Oct3/4 Oct-3 Oct3                                                                                                                                                                                          |
| <b>Accession ID</b>          | NP_038661.2                                                                                                                                                                                                                                                                                                           |
| <b>Blocking Peptide</b>      | EBP10037                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>             | Peptide with sequence C-DRPNAVKLEKVEP, from the internal region of the protein sequence according to NP_038661.2.                                                                                                                                                                                                     |
| <b>Peptide Sequence</b>      | C-DRPNAVKLEKVEP                                                                                                                                                                                                                                                                                                       |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                                                                                 |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                                                                                                          |
| <b>Predicted Species</b>     | Mouse, Rat                                                                                                                                                                                                                                                                                                            |
| <b>Reactive Species</b>      | Human, Mouse                                                                                                                                                                                                                                                                                                          |
| <b>Mouse Gene ID</b>         | 18999                                                                                                                                                                                                                                                                                                                 |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>                                                                                     |
| <b>ELISA</b>                 |                                                                                                                                                                                                                                                                                                                       |
| <b>Detection Limit</b>       | Antibody detection limit dilution 1:16000.                                                                                                                                                                                                                                                                            |
| <b>Western Blot</b>          | Approx 38-40kDa band observed in lysates of cell line NIH3T3 and approx. 45kDa in lysates of cell line HepG2 (calculated MW of 38.6kDa according to Human NP_002692.2 and 38.2kDa according to Mouse NP_038661.2). This molecular weight is routinely observed by other sources. Recommended concentration: 1-2µg/ml. |
| <b>Application Type</b>      | Pep-ELISA, WB                                                                                                                                                                                                                                                                                                         |

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

