



## 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.**

## EB06005 - Goat Anti-FOXB1 / FKH5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FOXB1, forkhead box B1, FKH5, HFKH-5

**Official Symbol:** FOXB1

**Accession Number(s):** NP\_036314.2

**Human GeneID(s):** [27023](#)

**Non-Human GeneID(s):** 64290 (mouse)

### Immunogen

Peptide with sequence C-TSPASALHSVAVH, from the C Terminus of the protein sequence according to NP\_036314.2.

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 1:32000.

**Western blot:** Approx 35kDa band observed in nuclear lysates of cell line HepG2 (calculated MW of 35.0kDa according to NP\_036314.2. Recommended concentration: 1-3µg/ml.

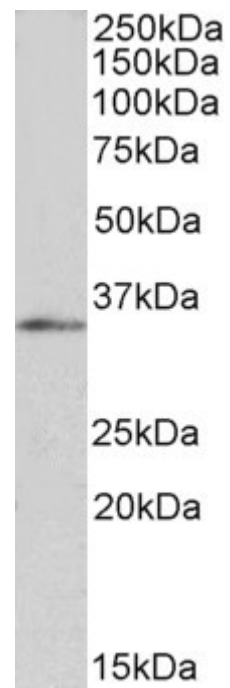
**Immunocytochemistry:** Anonymous customer found nuclear staining at lumbar levels of the Mouse Spinal Cord at embryonic day 12.5. Recommended concentration 0.1-0.3µg/ml.

**Immunofluorescence:** This antibody has been successfully used in IF for mouse brain at embryonic day 13.5.

### Species Reactivity

**Tested:** Human, Mouse

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



EB06005 (1µg/ml) staining of HepG2 nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.