

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12202 - Goat Anti-HOXB6 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HOXB6, homeobox B6, HOX2, HOX2B, HU-2, Hox-2.2, homeo box 2B, homeo box B6, homeobox protein Hox-2.2, homeobox protein Hox-2B, homeobox protein Hox-B6, homeobox protein Hu-2

**Official Symbol:** HOXB6

**Accession Number(s):** NP\_061825.2

**Human GeneID(s):** [3216](#)

**Non-Human GeneID(s):** 15414 (mouse), 497986 (rat)

### Immunogen

Peptide with sequence EPRKSDCAQDKS, from the internal region of the protein sequence according to NP\_061825.2.

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 1:1000.

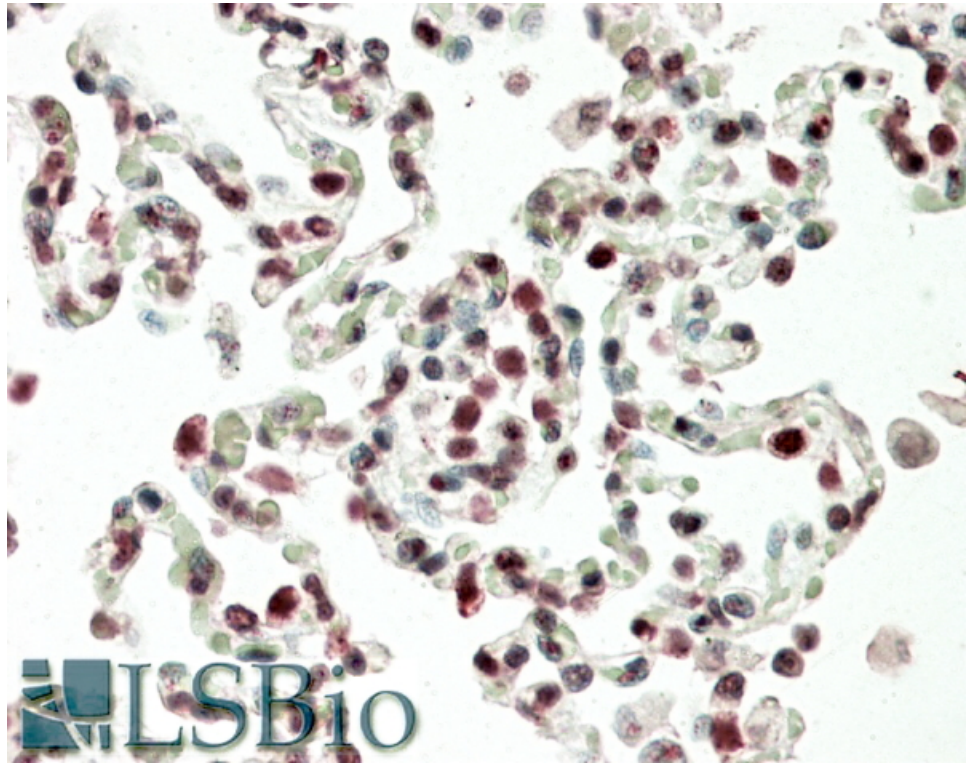
**Western blot:** Approx 26kDa band observed in lysates of cell lines HEK293, CACO-2 and MRC5 PD19 (calculated MW of 25.4kDa according to NP\_061825.2). Recommended concentration: 1-3µg/ml.

**IHC:** In paraffin embedded Human Lung shows nuclear staining in the alvioli. Recommended concentration, 5-10µg/ml.

### Species Reactivity

**Tested:** Human

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



EB12202 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12202 (1µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.