



## UK Office

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

## EB11654 - Goat Anti-Lamin B1 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ADLD, lamin B1, lamin-B1, LMN, LMN2, LMNB, LMNB1, MGC111419, OTTHUMP00000159218

**Official Symbol:** LMNB1

**Accession Number(s):** NP\_005564.1

**Human GeneID(s):** [4001](#)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_005564.1) only.

### Immunogen

Peptide with sequence C-KESDLNGAQIKLRE, from the internal region of the protein sequence according to NP\_005564.1.

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

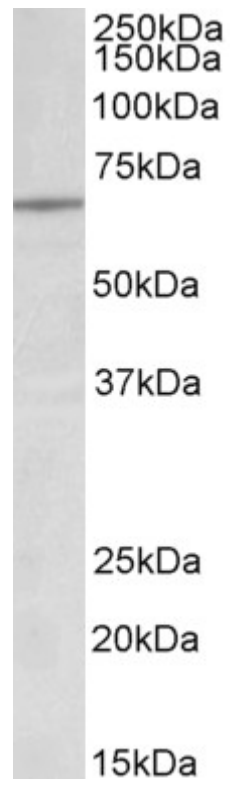
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 65kDa band observed in lysates of cell line Jurkat (calculated MW of 66.4kDa according to NP\_005564.1). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Pig, Cow



EB11654 (0.2µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.