



## UK Office

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

## EB07260 - Goat Anti-Aurora Kinase B Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AURKB, aurora kinase B, AIK2, AIM-1, AIM1, ARK2, AurB, IPL1, STK12, STK5, aurora-1, aurora-B, serine/threonine kinase 12

**Official Symbol:** AURKB

**Accession Number(s):** NP\_004208.2

**Human GeneID(s):** [9212](#)

### Immunogen

Peptide with sequence YKELQKSCTFDEQ, from the internal region of the protein sequence according to NP\_004208.2.

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

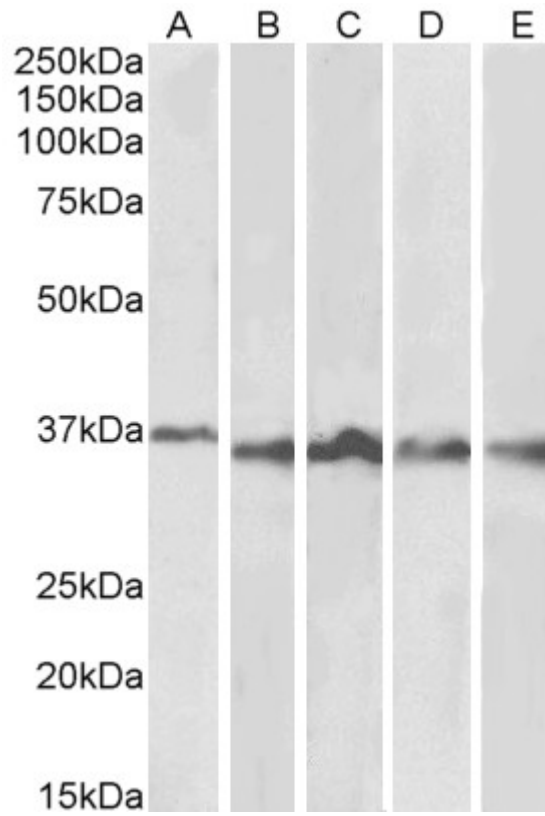
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 37kDa band observed in Human Thymus lysates and approx. 35kDa in Human Lymph Node, Spleen, Tonsil and Testis lysates (calculated MW of 39.3kDa according to NP\_004208.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB07260 (1 $\mu$ g/ml) staining of Thymus (A), Lymph Node (B), Tonsil (C), Spleen (D) and Testis (E) lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.