

## UK Office

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

## EB09351 - Goat Anti-MEST Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MEST, mesoderm specific transcript homolog (mouse), DKFZp686L18234, MGC111102, MGC8703, PEG1, mesoderm specific transcript, paternally expressed gene 1

**Official Symbol:** MEST

**Accession Number(s):** NP\_002393.2; NP\_803490.1

**Human GeneID(s):** [4232](#)

**Non-Human GeneID(s):** 17294 (mouse), 58827 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_002393.2; NP\_803490.1). Reported variants NP\_803490.1 and NP\_803491.1 represent identical protein.

### Immunogen

Peptide with sequence C-QELLYRYKQNRSGR, from the internal region of the protein sequence according to NP\_002393.2; NP\_803490.1.

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

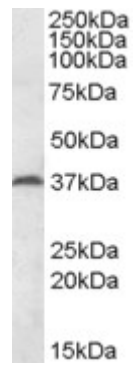
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 37kDa band observed in Mouse and Rat Testis lysates (calculated MW of 37.6kDa according to Human NP\_803490.1 and 38.8kDa according to Rat NP\_001009617.1). Recommended concentration: 0.2-0.5µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB09351 (0.2 $\mu$ g/ml) staining of Mouse Testis lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.