



## UK Office

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

## EB09167-B - Goat Anti-EWS / EWSR1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EWSR1, EWS, Ewing sarcoma breakpoint region 1, EWS/FLI fusion protein, EWSR1/ZNF384 fusion protein, Ewings sarcoma EWS-Flt1 (type 1) oncogene, bK984G1.4 (Ewing sarcoma breakpoint region 1 protein), extraskelletal myxoid chondrosarcoma EWS/TEC/CHN fusion protein

**Official Symbol:** EWSR1

**Accession Number(s):** NP\_053733.2; NP\_005234.1; NP\_001156757.1; NP\_001156758.1; NP\_001156759.1

**Human GeneID(s):** [2130](#)

**Non-Human GeneID(s):** 14030 (mouse), 289752 (rat)

**Important Comments:** This antibody is expected to recognize all five reported isoforms (NP\_053733.2; NP\_005234.1; NP\_001156757.1; NP\_001156758.1; NP\_001156759.1).

### Immunogen

Peptide with sequence C-TSYDQSSYSQQNTYG., from the internal region of the protein sequence according to NP\_053733.2; NP\_005234.1; NP\_001156757.1; NP\_001156758.1; NP\_001156759.1.

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 1:64000.

**Western blot:** Approx. 90kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 68.5kDa according to NP\_053733.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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



Biotinylated EB09167 (0.1ug/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.