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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-Fli1 (type 1) oncogene, bK984G1.4 (Ewing sarcoma breakpoint region 1 protein), extraskeletal 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

250kDa 150kDa 100kDa 75kDa 50kDa

25kDa

20kDa

15kDa

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.