



## UK Office

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

## EB13058 - Goat Anti-prepro-transforming growth factor beta-2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TGFB2, transforming growth factor beta 2, LDS4, TGF-beta2, BSC-1 cell growth inhibitor, G-TSF, cetermin, glioblastoma-derived T-cell suppressor factor, polyergin, prepro-transforming growth factor beta-2, transforming growth factor, beta 2

**Official Symbol:** TGFB2

**Accession Number(s):** NP\_001129071.1; NP\_003229.1

**Human GeneID(s):** [7042](#)

**Important Comments:** This antibody is expected to recognize the part representing the latency-associated peptide.

### Immunogen

Peptide with sequence C-STYTSGDQKTIKSTR, from the internal region of the protein sequence according to NP\_001129071.1; NP\_003229.1.

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

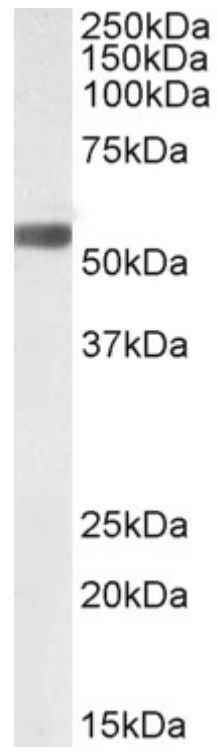
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 55kDa band observed in Human Breast cancer lysates (calculated MW of 50.6kDa according to NP\_001129071.1;). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB13058 (0.3 $\mu$ g/ml) staining of Human Breast cancer lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.