



## International Office

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

## EB09928 - Goat Anti-Tetherin / CD317 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** bone marrow stromal cell antigen 2, CD317, tetherin, BST2

**Official Symbol:** BST2

**Accession Number(s):** NP\_004326.1

**Human GeneID(s):** [684](#)

### Immunogen

Peptide with sequence C-ELTEAQKGFQD, from the internal region of the protein sequence according to NP\_004326.1.

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

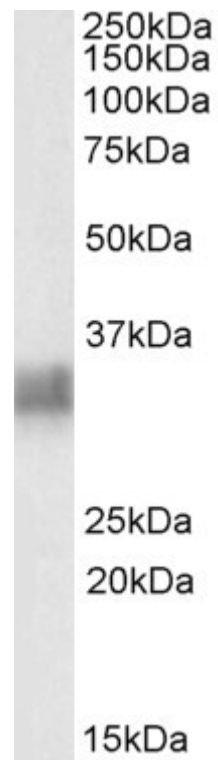
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 30kDa band observed in Human Spleen and Testis lysates (calculated MW of 19.8kDa according to NP\_004326.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Rollason, J Cell Sci. 2007 Nov 1;120(Pt 21):3850-8.; PMID: 17940069). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB09928 (0.3 $\mu$ g/ml) staining of Human Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.