



## UK Office

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

## EB06131 - Goat Anti-Cystatin B / Stefin B Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** CSTB, cystatin B (stefin B), PME, CST6, STFB, CPI-B, stefin B, liver thiol proteinase inhibitor, EPM1, cystatin B, CSTB, cystatin B (stefin B), PME, CST6, STFB, CPI-B, stefin B, liver thiol proteinase inhibitor, EPM1, cystatin B

**Official Symbol:** CSTB

**Accession Number(s):** NP\_000091.1

**Human GeneID(s):** [1476](#)

### Immunogen

Peptide with sequence C-QTNKAKHDELTYF, from the C Terminus of the protein sequence according to NP\_000091.1.

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 16kDa band observed in Human Liver, Lung and Kidney Lysates (calculated MW of 11.1kDa according to NP\_000091.1 ). The observed molecular weight corresponds to earlier findings in literature with with different antibodies (Lee et al, Clin Cancer Res. 2008 Feb 15;14(4):1080-9.; PMID: 18281540 ). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 6-7µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06131 (0.1 µg/ml) staining of Human Lung Lysates (35 µg protein in RIPA buffer). Detected by chemiluminescence.

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EB06131 (7 µg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

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EB06131 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.

EB06131 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.