

## UK Office

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

## EB11978 - Goat Anti-HSPA13 / STCH (aa83-95) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HSPA13, heat shock protein 70kDa family, member 13, STCH, heat shock 70 kDa protein 13, microsomal stress 70 protein ATPase core, microsomal stress-70 protein ATPase core, stress 70 protein chaperone, microsome-associated, 60kD, stress 70 protein chaperone, microsome-associated, 60kDa, stress-70 protein chaperone microsome-associated 60 kDa protein

**Official Symbol:** HSPA13

**Accession Number(s):** NP\_008879.3

**Human GeneID(s):** [6782](#)

### Immunogen

Peptide with sequence C-ESVELADSNPQNT, from the internal region of the protein sequence according to NP\_008879.3.

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

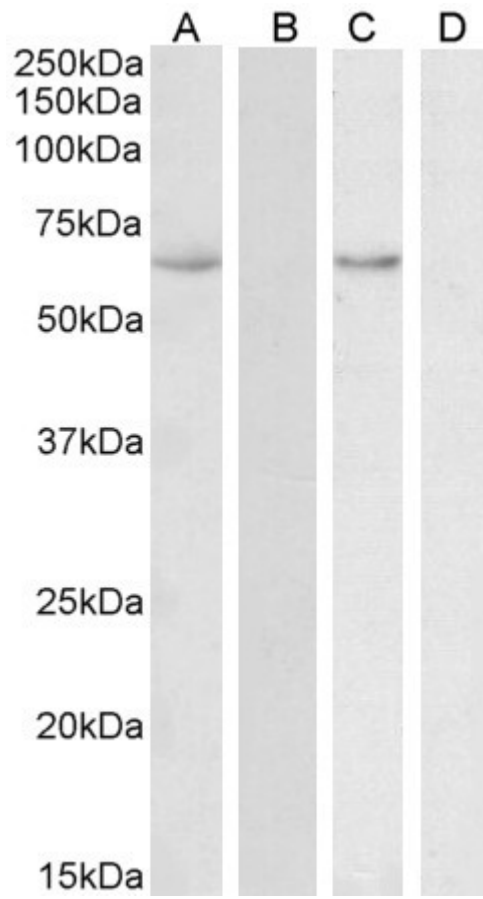
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 60-65kDa band observed in Human Uterus and Colon lysates (calculated MW of 51.9kDa according to NP\_008879.3). This band was successfully blocked by incubation with the immunizing peptide and corresponds to different antibodies from other sources. Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB11978 (0.1 $\mu$ g/ml) staining of Human Uterus lysate (A) + peptide (B) and (0.3 $\mu$ g/ml) Colon lysate (C) + peptide (D) (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.