



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB11976 - Goat Anti-Cathepsin B (aa194-206) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CTSB, cathepsin B, APPS, CPSB, APP secretase, amyloid precursor protein secretase, cathepsin B1, cysteine protease

**Official Symbol:** CTSB

**Accession Number(s):** NP\_001899.1; NP\_001304166.1

**Human GeneID(s):** [1508](#)

**Non-Human GeneID(s):** 64529 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_680091.1, NP\_680090.1, NP\_680092.1, NP\_001899.1, NP\_680093.1.

### Immunogen

Peptide with sequence SRPPCTGEGDTPK, from the internal region of the protein sequence according to NP\_001899.1; NP\_001304166.1.

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

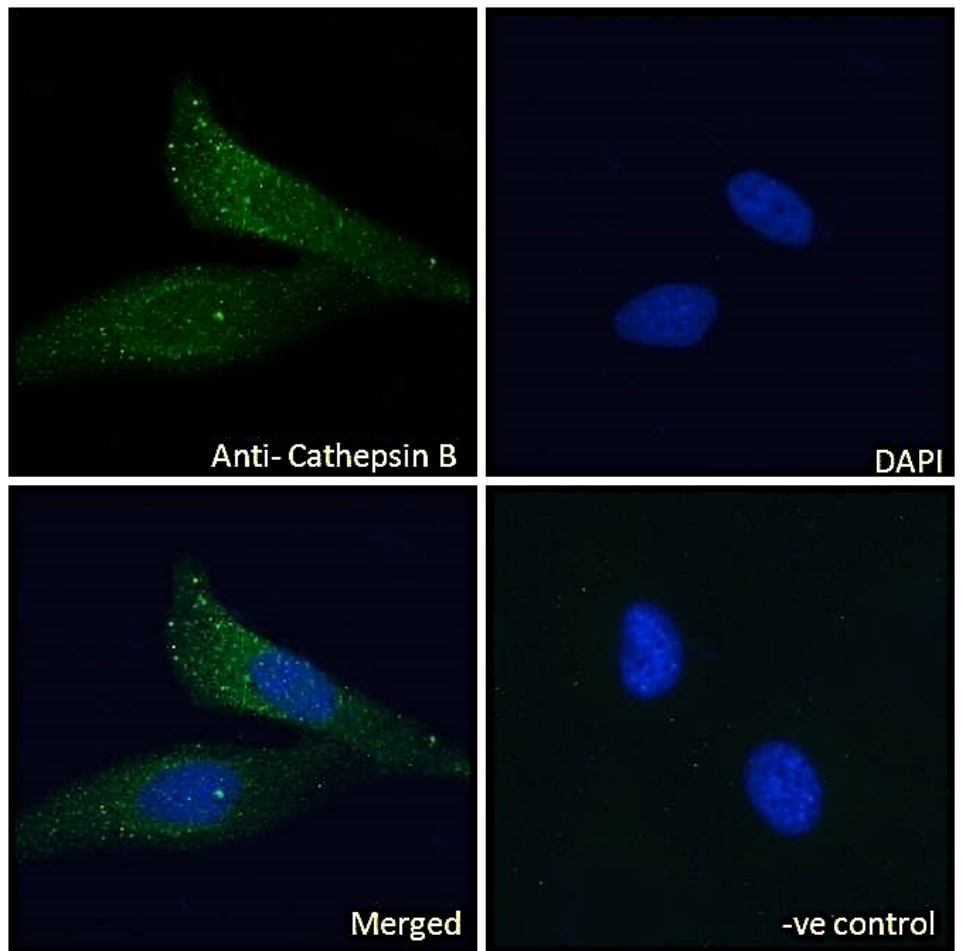
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Immunofluorescence:** Strong expression of the protein seen in the vesicles of HeLa cells. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

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



EB11976 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).