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**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

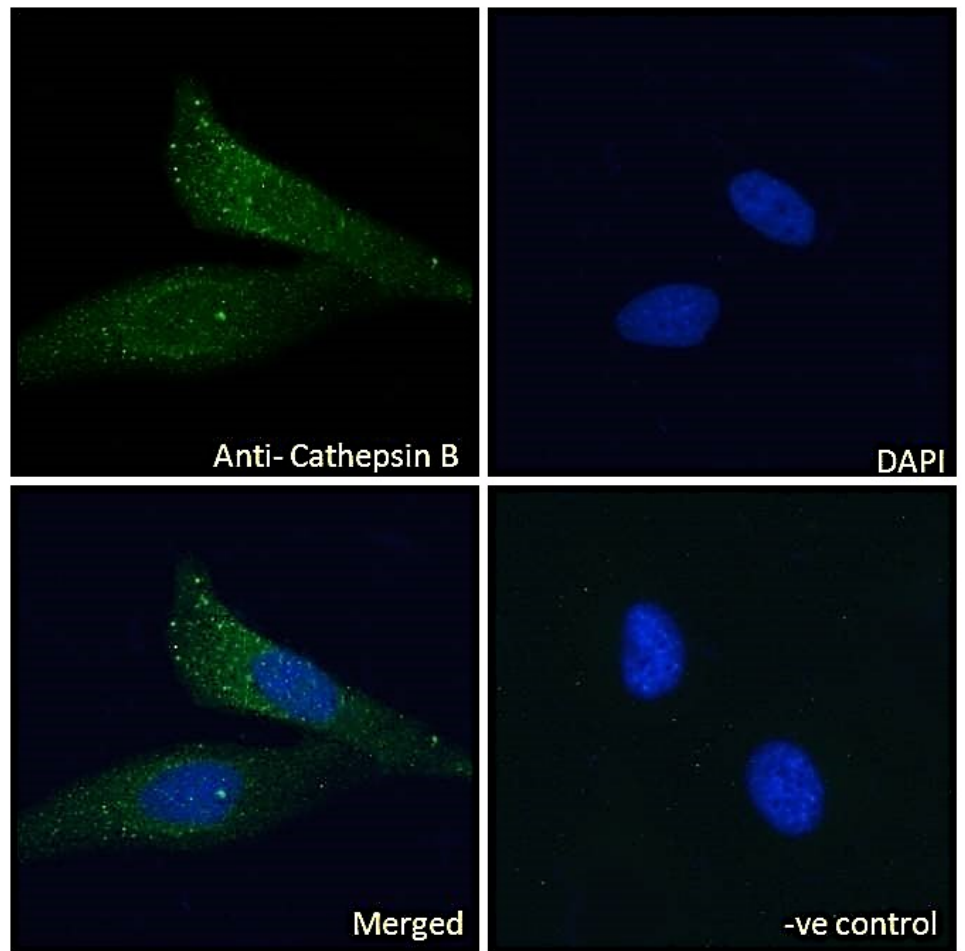
Peptide ELISA: antibody detection limit dilution 1:2000.

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).