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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 GenelD(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.

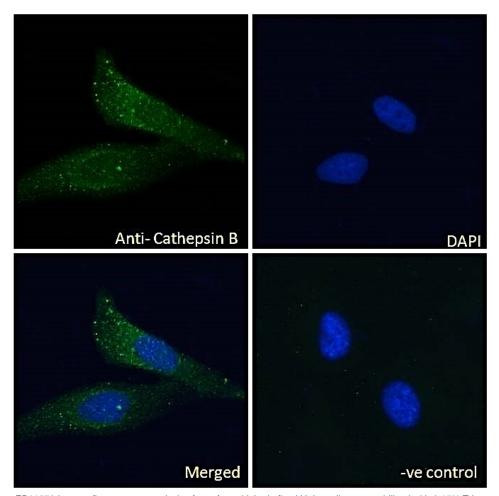
Immunofluorescence: Strong expression of the protein seen in the vesicles of HeLa

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).