

Rabbit anti-Human Cathepsin B mAb (CAP)

Catalog No.: RM17874

Basic Information

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RM17874

Category
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.1% BSA, pH 7.8.

Contact

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 | support@abclonal.com

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Background

Cathepsin B is the first described member of the family of lysosomal cysteine proteases. Cathepsin B possesses both endopeptidase and exopeptidase activities, in the latter case acting as a peptidyl-dipeptidase. It is known to process a number of proteins, including pro and active caspases, prorenin and SLPI. Cathepsin B is synthesized as a proenzyme. Following removal of the signal peptide, the inactive proenzyme undergoes further modifications including removal of the pro region to result in the active enzyme.

Immunogen Information

Immunogen
Recombinant Human Neurogranin

Cross-Reactivity

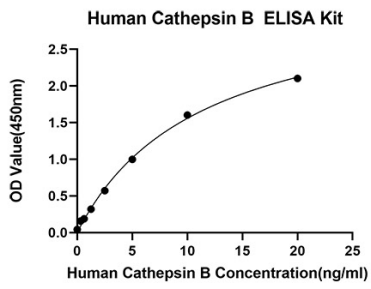
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Assay Applications

Human Cathepsin B Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	2-8µg/mL	Rabbit anti-Human Cathepsin B (CAP)(Cat. No.RM06897)
ELISA Detection	0.0006-0.0024µg/mL	Rabbit anti-Human Cathepsin B (DET)(Cat. No.RM06899)
Standard	0.31-20ng/mL	Recombinant Human Cathepsin B Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.