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39-1013: Anti-Cathepsin L Monoclonal Antibody (Clone: 33/2) (discontinued)

Clonality :	Monoclonal
Clone Name :	33/2
Application :	WB
Reactivity :	Human
Gene :	CTSL
Gene ID :	1514
Uniprot ID :	P07711
Alternative Name :	Cathepsin L, Major excreted protein, CTSL1
Isotype :	Mouse IgG1
Immunogen Information :	Procathepsin L isolated from the human lung cancer cell line EPLC 32M1.

Description

Cathepsin L is a lysosomal cysteine proteinase with a major role in intracellular protein catabolism. It also shows the most potent collagenolytic and elastinolytic activity in vitro of any of the cathepsins. Cathepsin L has been implicated in pathologic processes including myofibril necrosis in myopathies and in myocardial ischemia, and in the renal tubular response to proteinuria. Human liver cathepsin L consists of a heavy chain of about 25 kD and a light chain of about 5 kD. The gene is mapped to 9q21-q22. Cathepsin L is required for endothelial progenitor cell-induced neovascularization.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 2Î¼g/ml; Immunohistochemistry(Frozen Section) : 4Î¼g/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.