Anti-Cathepsin L/CTSL1 antibody

Catalog Number: 102452



Product name

Anti-Cathepsin L/CTSL1 antibody

Immunogen

<u>Human Cathepsin L/CTSL1 (His Tag) recombinant</u> protein

Specificity

Human Cathepsin-L1 / CTSL1

Antibody description

Rabbit polyclonal to Cathepsin L/CTSL1

Preparation

Produced in rabbits immunized with purified, recombinant Human Cathepsin-L1 / CTSL1 (rh CTSL1; NP_001903.1; Met 1-Val 333). CTSL1 specific IgG was purified by human CTSL1 affinity chromatography.

Formulation

 $0.2~\mu m$ filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at $2^{\circ}\text{C-8}^{\circ}\text{C}$ 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.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It

is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB

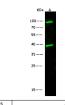
Dilutions

WB: 10-20 μg/mL

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 μ g/mL with the appropriate secondary reagents to detect Human CTSL. The detection limit for Human CTSL is approximately 0.0049 ng/well.

Validations



Lanes	A
Sample (whole cell lysate)	A549
Sample Volume (µg/lane)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	10-20 µ g/ml
Secondary Antibody	Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explaination	Predicted band size :38 kDa Observed band size :38 kDa Additional bands at :90 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).