Cathepsin D recombinant monoclonal antibody (003)

This monoclonal antibody detects Cathepsin D (CTSD), a lysosomal protease involved in protein degradation and apoptosis.

Cathepsin D is a key aspartic protease in the lysosome, critical for protein catabolism and cellular homeostasis. It has been implicated in neurodegenerative diseases and cancer progression.

This antibody is covered by our Worry-Free Guarantee.

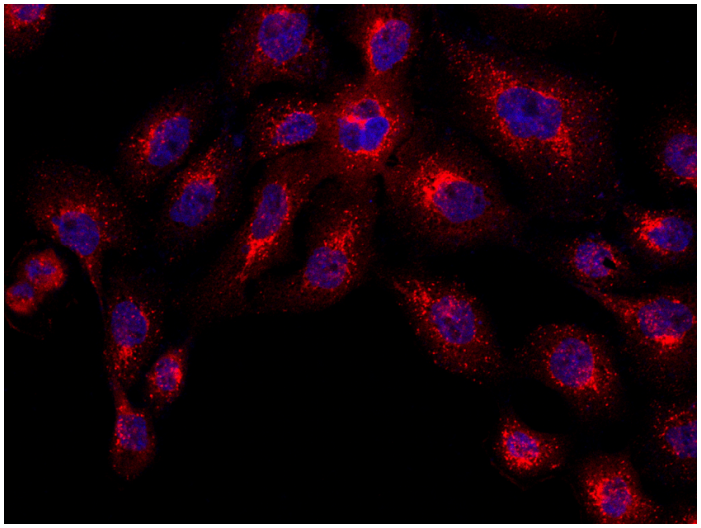
Ordering Information

Order Online »

ENZ-ABS1069-0100	100µl

Manuals, SDS & CofA

View Online »



Immunofluorescence staining of cathepsin D in A431 cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with athepsin D recombinant monoclonal antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.

Handling & Storage

Handling	Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	CTSD
Application	ELISA, ICC, IF
Clone	003
Formulation	Liquid. 0.2 µm filtered solution in PBS. Carrier-free. Preservative-free.
Host	Rabbit
Immunogen	Recombinant human Cathepsin D.
Isotype	IgG
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	Immunocytochemistry/Immuofluorescence (1:20-1:100) ELISA (1:5'000-1:10'000) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
Species Reactivity	Mouse
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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