

Product Datasheet

Cathepsin D Antibody (003)

NBP2-90117-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-90117-100ul

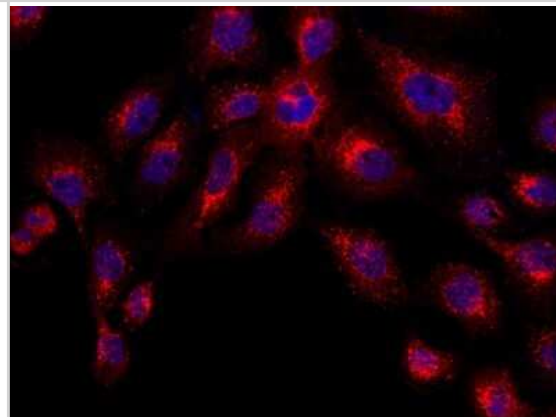
Cathepsin D Antibody (003)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	003
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	1509
Gene Symbol	CTSD
Species	Human
Specificity/Sensitivity	Has cross-reactivity in ELISA with: Mouse CTSD No cross-reactivity in ELISA with: Human CTSA Human CTSB Human CTSL Human BACE1
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Cathepsin D (P07339; Met1-Leu412).
Product Application Details	
Applications	ELISA, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	ELISA 1:5000-1:10000, Immunocytochemistry/Immunofluorescence 1:20-1:100



Images

Immunocytochemistry/Immunofluorescence: Cathepsin D Antibody (003) [NBP2-90117] - Immunofluorescence staining of Cathepsin D in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human CTSD monoclonal antibody (dilution ratio 1:60) at 4C overnight. Then cells were stained with the Alexa Fluor(TM) 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



Publications

Jarzina SO Assessment of systemic toxicity in vitro using the Adverse Outcome Pathway (AOP) concept: nephrotoxicity due to receptor-mediated endocytosis and lysosomal overload and inhibition of mtDNA polymerase-g as case studies Thesis Jan 1 2022 12:00AM (IHC)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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