

Mouse anti-Human Cathepsin D Monoclonal Antibody | anti-CTSD antibody

Anti-Cathepsin D antibody (monoclonal)

CATALOG # AAA44903	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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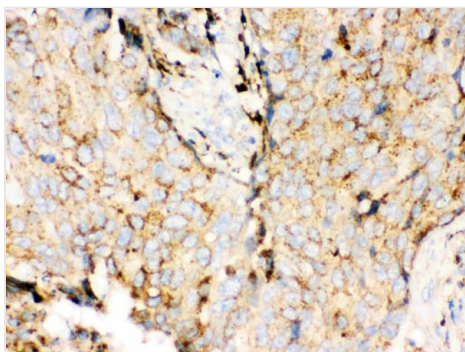
PRODUCT SYNONYMS

Cathepsin D; Monoclonal Antibody; Anti-Cathepsin D antibody (monoclonal); cathepsin D; CLN10; CPSD; cathepsin D(lysosomal aspartyl protease); ceroid-lipofuscinosis; neuronal 10; anti-CTSD antibody

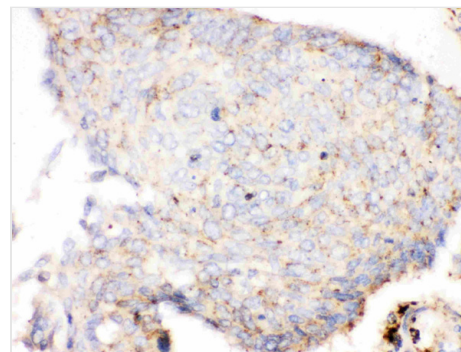
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	CP-D13
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	412
Applicable Applications for anti-CTSD antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Human liver cathepsin D.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

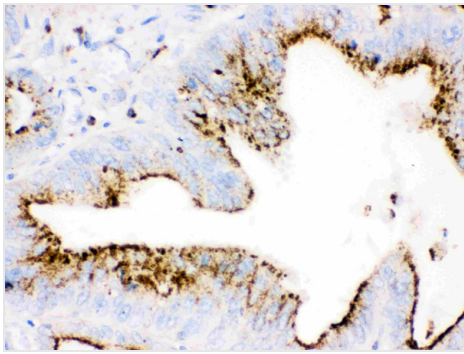
IMAGES



IHC (Immunohistochemistry)
Anti- Cathepsin D antibody, AAA44903, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- Cathepsin D antibody, AAA44903, IHC(P)IHC(P): Human Lung Cancer Tissue



IHC (Immunohistochemistry)
Anti- Cathepsin D antibody, AAA44903, IHC(P)IHC(P): Human Intestinal Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CTSD antibody	Description: Mouse IgG monoclonal antibody for Cathepsin D, cathepsin D (CTSD) detection. Tested with WB, IHC-P in Human. No cross reactivity with other proteins. Uniprot ID: P07339 Background: Cathepsin D is one of the lysosomal proteinases. It is ubiquitously expressed and is involved in proteolytic degradation, cell invasion, and apoptosis. Cathepsin D is mapped to chromosome 11. The amino acid sequence predicted from the cDNA sequence shows that human cathepsin D consists of 412 amino acids with 20 and 44 amino acids in a pre- and a prosegment, respectively.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115717
NCBI GeneID	1509
UniProt Accession #	P07339; Q6IB57
Molecular Weight	44,552 Da
NCBI Official Full Name	Cathepsin D
NCBI Official Synonym Full Names	cathepsin D
NCBI Official Symbol	CTSD
NCBI Official Synonym Symbols	CPSD; CLN10; HEL-S-130P
NCBI Protein Information	cathepsin D; lysosomal aspartyl protease; lysosomal aspartyl peptidase; ceroid-lipofuscinosis, neuronal 10; epididymis secretory sperm binding protein Li 130P
UniProt Protein Name	Cathepsin D
UniProt Gene Name	CTSD
UniProt Synonym Gene Names	CPSD
UniProt Entry Name	CATD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cathepsin-d-antibody-clone-cp-d13-immunohistochemistry-western-blot-elisa/44903>