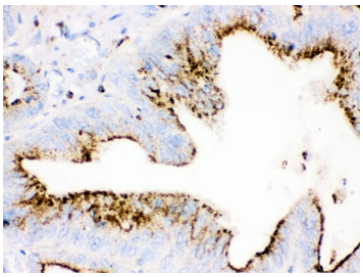
Cathepsin D Antibody / CTSD [clone CP-D13] (R30012)

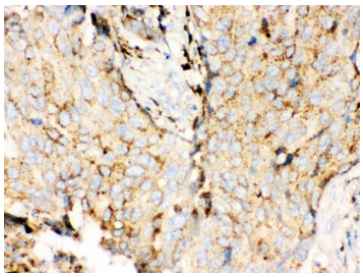
Catalog No.	Formulation	Size
R30012	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

Bulk quote request

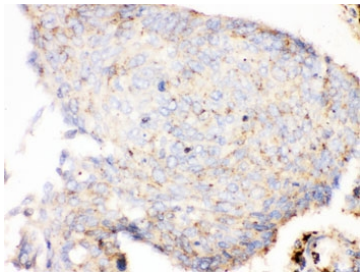
Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	CP-D13
Purity	Ascites
Gene ID	1509
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 1-2ug/ml
Limitations	This Cathepsin D antibody is available for research use only.



Cathepsin D Antibody Intestinal Cancer Immunohistochemistry. IHC testing of FFPE human intestinal cancer tissue with Cathepsin D antibody. HIER: steamed with pH6 citrate buffer, HRP-staining.



Cathepsin D Antibody Breast Cancer Immunohistochemistry. IHC testing of FFPE human breast cancer tissue with Cathepsin D antibody. HIER: steamed with pH6 citrate buffer, HRP-staining.



Cathepsin D Antibody Lung Cancer Immunohistochemistry. IHC testing of FFPE human lung cancer tissue with Cathepsin D antibody. HIER: steamed with pH6 citrate buffer, HRP-staining.

Description

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.

This antibody can be compared with our Cathepsin D Antibody / CTSD Antibody (clone CTSD/3276) as a central reference for consistent CTSD detection across multiple assay formats.

Application Notes

Titration of the Cathepsin D antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human liver cathepsin D was used as the immunogen for this Cathepsin D antibody.

Storage

After reconstitution, the Cathepsin D antibody can be stored at 4oC to -20oC. For long-term, aliquot and store at -20oC. Avoid repeated freeze/thaws.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com

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