

Summary

Production Name	CTSD Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CTSD
Alternative Names	CPSD; CLN10; HEL-S-130P
Gene ID	1509.0
SwissProt ID	P07339 .Purified recombinant fragment of human CTSD (AA: 1-100) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	44.6kDa

Background

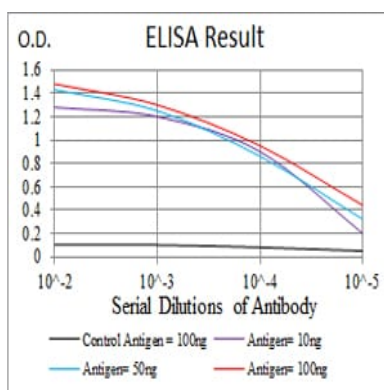
Product Name: CTSD Mouse Monoclonal Antibody
Catalog #: AMM81464



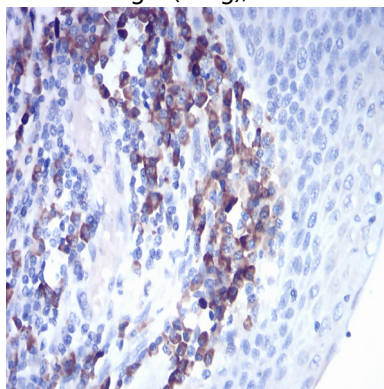
This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease.

Research Area

Image Data

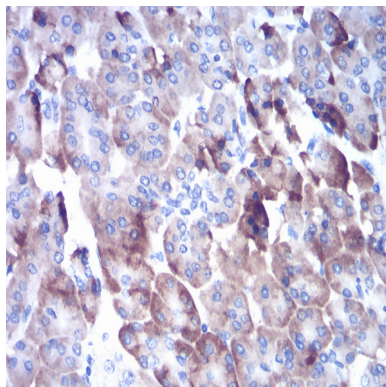


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunohistochemical analysis of paraffin-embedded human esophagus tissues using CTSD mouse mAb with DAB staining.

Product Name: CTSD Mouse Monoclonal Antibody
Catalog #: AMM81464



Immunohistochemical analysis of paraffin-embedded human pancreas tissues using CTSD mouse mAb with DAB staining.

Note

For research use only.