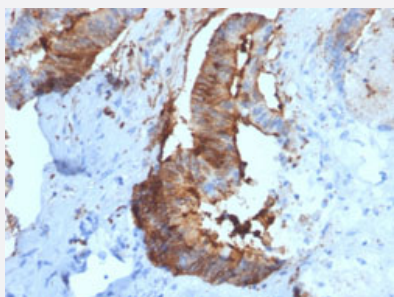


CTSD monoclonal antibody, clone CTSD/2781

Catalog # MAB20904

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human renal cell carcinoma with CTSD monoclonal antibody, clone CTSD/2781 (Cat # MAB20904).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CTSD.
Immunogen	Recombinant protein corresponding to amino acids 104-250 of human CTSD.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human renal cell carcinoma with CTSD monoclonal antibody, clone CTSD/2781 (Cat # MAB20904).

Gene Info — CTSD

Entrez GeneID [1509](#)

Protein Accession# [P07339](#)

Gene Name CTSD

Gene Alias CLN10, CPSD, MGC2311

Gene Description cathepsin D

Omim ID [116840 610127](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations lysosomal aspartyl peptidase|lysosomal aspartyl protease

Pathway

- [Lysosome](#)

Disease

- [Alzheimer disease](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)

- [Cognition](#)
- [Cognition Disorders](#)
- [Creutzfeldt-Jakob Syndrome](#)
- [Dementia](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Memory](#)
- [Mental Processes](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Periodontitis](#)