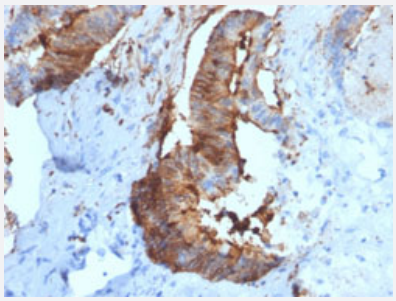
CTSD monoclonal antibody, clone CTSD/2781

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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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 memb er of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Trans cription of this gene is initiated from several sites, including one which is a start site for an estroge n-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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.