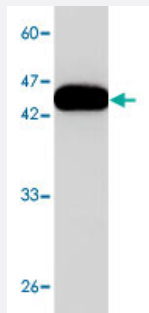


CTSD monoclonal antibody, clone 2

Catalog # MAB9899

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of MCF-7 whole cell lysate with CTSD monoclonal antibody, clone 2 (Cat # MAB9899) at 1:1000 dilution.

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant CTSD.

Immunogen Recombinant protein corresponding to full length human CTSD.

Host Mouse

Reactivity Human

Specificity It can expression in MCF-7 whole cell lysate.

Form Liquid

Purification Affinity purification

Isotype IgG2a

Recommend Usage Western blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot analysis of MCF-7 whole cell lysate with CTSD monoclonal antibody, clone 2 (Cat # MAB9899) at 1:1000 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CTSD

Entrez GeneID	1509
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GeneBank Accession#	NM_001909.3
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Protein Accession#	NP_001900.1
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Gene Name	CTSD
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Gene Alias	CLN10, CPSD, MGC2311
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Gene Description	cathepsin D
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Omim ID	116840 610127
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Gene Ontology	Hyperlink
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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]
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Other Designations	lysosomal aspartyl peptidase lysosomal aspartyl protease
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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](#)