

CTSA mouse monoclonal antibody (hybridoma)

Catalog # H00005476-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CTSA.
Immunogen	CTSA (AAH93009.1, 1 a.a. ~ 480 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MIRAAPPPLFLLLLLLLLLVSWASRGEAAPDQDEIQRPLGLAKQPSFRQYSGYLKSGSGSKHLHYW FVESQKDPENSPVVLWLNGGPGCSSLDGLLTEHGPFVLVQPDGVTLEYNPYSWNLIANVLYLESP AGVGFSYDDKFYATNDTEVAQSNFEALQDFFRLFPEYKNNKLFLTGESYAGMYPTLAVLVMQDP SMNLQGLAVGNGLSSYEQNDNSLVYFAYYHGLLGNRLWSSLQTHCCSQNKCNFYDNKDLECVTN LQEVARIVGNSGLNIYNLYAPCAGGVPSHFYRKDTVVVQDLGNIFTRLPLKRMWHQALLRSGDK VRMDPPCTNTTAASYLNNPYVRKALNIPEQLPQWDMCNFLVNLQYRRLYRSMNSQYLKLLSSQK YQILLYNGDVDMACNFMGDEWFVDSLQKMEVQRRPWLVKYGDSGEQIAGFVKEFSHIAFLTIGK AGHMPVTDKPLAAFTMFSRFLNKQPY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CTSA

Entrez GeneID [5476](#)

GeneBank Accession# [BC093009.1](#)

Protein Accession# [AAH93009.1](#)

Gene Name CTSA

Gene Alias GLB2, GSL, NGBE, PPCA, PPGB

Gene Description cathepsin A

Omim ID [256540](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a glycoprotein which associates with lysosomal enzymes beta-galactosidase and neuraminidase to form a complex of high molecular weight multimers. The formation of this complex provides a protective role for stability and activity. Deficiencies in this gene are linked to multiple forms of galactosialidosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000031778|beta-galactosidase 2|beta-galactosidase protective protein

Pathway

- [Renin-angiotensin system](#)