

NCALD mouse monoclonal antibody (hybridoma)

Catalog # H00083988-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NCALD.
Immunogen	NCALD (NP_001035714.1, 1 a.a. ~ 193 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGKQNSKLRPEVMQDLLESTDFTEHEIQEWYKGFLRDCPSGHLSMEEFKKIYGNFFPYGDASKF AEHVFRTFDANGDGTIDFREFIALSVTSRGKLEQKLKWAFSMYDLDGNGYISKAEMLEIVQAIYKM VSSVMKMPEDESTPEKRTEKIFRQMDTNRDGKLSLEEFIRGAKSDPSIVRLQLQCDPSSAGQF
Host	Mouse
Reactivity	Human
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 — NCALD

Entrez GeneID [83988](#)

GeneBank Accession# [NM_001040624.1](#)

Protein Accession# [NP_001035714.1](#)

Gene Name NCALD

Gene Alias MGC33870, MGC74858

Gene Description neurocalcin delta

Omim ID [606722](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the neuronal calcium sensor (NCS) family of calcium-binding proteins. The protein contains an N-terminal myristoylation signal and four EF-hand calcium binding loops. The protein is cytosolic at resting calcium levels; however, elevated intracellular calcium levels induce a conformational change that exposes the myristoyl group, resulting in protein association with membranes and partial co-localization with the perinuclear trans-golgi network. The protein is thought to be a regulator of G protein-coupled receptor signal transduction. Several alternatively spliced variants of this gene have been determined, all of which encode the same protein; additional variants may exist but their biological validity has not been determined. [provided by RefSeq]

Other Designations -

Disease

- [Diabetes Mellitus](#)
- [Diabetic Neuropathies](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)