



Anti-Mortalin/GRP75, NeuroMab clone N52A/42

TC supe (RRID:AB_10674108) & Pure IgG (RRID:AB_2120479)

Immunogen:

Identified as off-target mAb in screen for anti-SALM2 NeuroMabs (immunogen was fusion protein amino acids 551-766 of mouse SALM2). Target identified as Mortalin/GRP75 by LC-MS/MS analysis of protein immunopurified from rat brain using N52A/42.

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

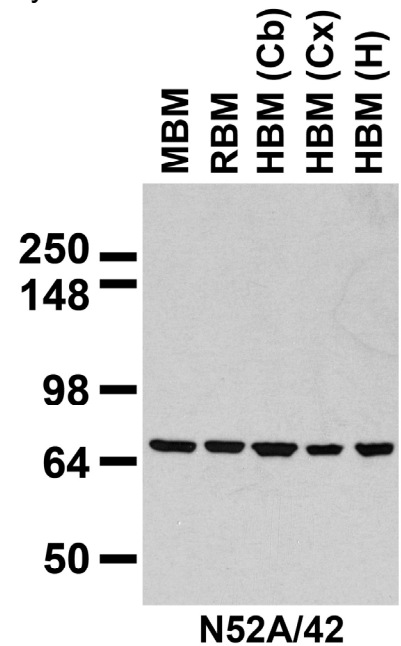
NeuroMab Applications:

Immunoblotting, Immunohistochemistry and Immunoprecipitation

Species Reactivity: human, mouse, rat, worm

MW: 70 kDa

Top: immunoblot against crude membranes prepared from whole rat (RBM) and mouse (MBM) brain and human cerebral cortex [HBM(Cx)], cerebellum [HBM(Cb)], and hippocampus [HBM(H)] probed with N52A/42 TC supe.



Bottom right: immunoblot against HEK293 cells transfected as shown. Note that GRP75 is endogenously expressed in HEK (and COS) cells and the relatively weak RBM staining is due to short film exposure time. Cell samples courtesy of Gino Cortopassi (UC Davis).

Bottom middle: immunoblot against crude *C. elegans* worm extracts and RBM probed with N52A/42 TC supe.

Bottom left: adult rat hippocampus immunohistochemistry

