

Anti-Mortalin/GRP75 Antibody

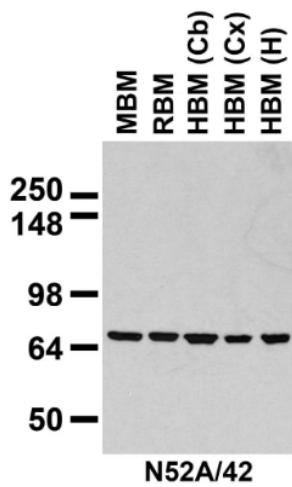


Product Details

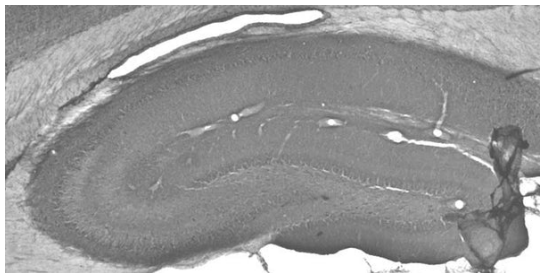
Available Variants	100 µL (SKU:75-127) 20 µL (SKU:75-127-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N52A/42
Gene Name	Hspa9 Grp75 Hsp74 Hspa9a
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.54
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:200
Species Reactivity	C. elegans, Human, Mouse, Non-Human Primate, Rat
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.
Specificity	No cross-reactivity reported
Molecular Weight	75 kDa

Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2120479
UniProt ID	<u>P38647</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

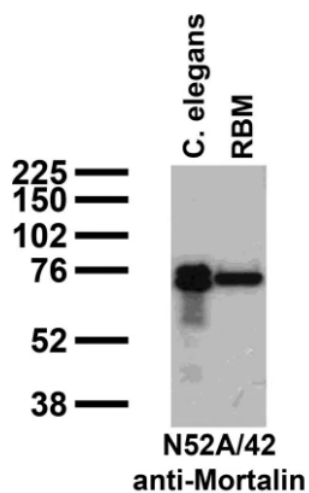
Product Images



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.



Adult rat hippocampus immunohistochemistry.



Immunoblot against crude C. elegans worm extracts and RBM probed with N52A/42 TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-mortalin-grp75-antibody-n52a-42-75-127



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