

AB-NN047-2

GRP75 Antibody

Pan-specific monoclonal antibody (S52A-42) for monitoring the expression of mouse heat shock protein Grp75



KINEXUS

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Target Protein

Name Long:	Stress-70 protein, mitochondrial (GRP75)
Alias:	HSC74, HSP74, HSPA9, HSPa9a, HSPA9B, Mortalin 2, MOT2, PBP74
UniProt ID:	P38646 - Human
Human Predicted Mass (KDa):	73.680 (679 AA; P38646-1)
Observed SDS-PAGE Mass (KDa):	75

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 551-766 of mouse SALM2.
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	97 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4 pH7.2, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF IP ELISA
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:200); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat C.elegans
Antibody Positive Control:	1 µg/ml was sufficient for detection of Grp75 in 10 µg of heat shock HeLa lysate by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.
Target Detection Immunoblotting:	Detects a ~75 kDa protein.
Antibody Specificity:	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987