

For Research Use Only

CoraLite®647-conjugated GRP75 Polyclonal antibody



Catalog Number: CL650-14887

Featured Product

Basic Information

Catalog Number: CL650-14887	GenBank Accession Number: BC000478	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3313	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Source: Rabbit	Full Name: heat shock 70kDa protein 9 (mortalin)	
Isotype: IgG	Calculated MW: 74 kDa	
Immunogen Catalog Number: AG6673	Observed MW: 74-75 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

GRP75 (also known as mortalin, HSPA9 or mt-Hsp70) is a constitutively expressed member of the HSPA (HSP70) family of heat-shock proteins. It is located in the mitochondrial matrix and anti-GRP75 is commonly used as the marker for mitochondria. It has been reported that GRP75 is enriched in cancer cells and contributes to carcinogenesis. In addition, decreased expression level of GRP75 has been found in neurodegenerative disorders like Parkinson's disease. This antibody recognized the endogenous GRP75 protein in NIH/3T3 cells. (PMID: 21640711, 22920904)

Storage

Storage:
Store at -20°C. Avoid exposure to light.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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