

For Research Use Only

UQCRFS1 Monoclonal antibody, PBS Only

Catalog Number: 68529-1-PBS



Basic Information

Catalog Number: 68529-1-PBS	GenBank Accession Number: BC010035	Purification Method: Protein G purification
Concentration: 1mg/ml	GeneID (NCBI): 7386	CloneNo.: 1F11C4
Source: Mouse	UNIPROT ID: P47985	
Isotype: IgG1	Full Name: ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1	
Immunogen Catalog Number: AG13307	Calculated MW: 30 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

Background Information

The ubiquinol cytochrome c reductase UQCRFS1 is a key subunit of the cytochrome bc1 complex (complex III) of the mitochondrial respiratory chain. The UQCRFS1 gene encode a 30 kDa protein with a transit peptide and it appears to be involved in development of more aggressive phenotype of breast cancer(PMID:15047214). UQCRFS1 is also named as RISP, complex III subunit 5, cytochrome b-c1 complex subunit 5 and rieske iron-sulfur protein.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

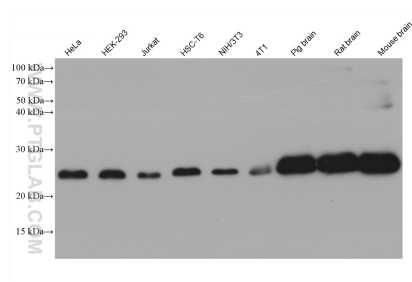
T: 4006900926

E: Proteintech-CN@ptglab.com

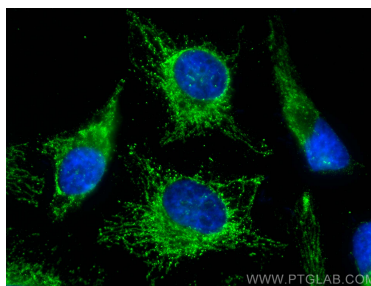
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68529-1-Ig (UQCRFS1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68529-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using UQCRFS1 antibody (68529-1-Ig, Clone: 1F11C4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68529-1-PBS in a different storage buffer formulation.