

For Research Use Only

CoraLite® Plus 488-conjugated NXN Monoclonal antibody



Catalog Number: **CL488-66603**

Basic Information

Catalog Number: CL488-66603	GenBank Accession Number: BC009327	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 64359	CloneNo.: 2C6A4
Source: Mouse	Full Name: nucleoredoxin	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 435 aa, 48 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG9248	Observed MW: 48 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HEK-293 cells,
Species Specificity: Human, Mouse , Rat	

Background Information

Nucleoredoxin (NRX/NXN), a relatively uncharacterized member of the TRX family protein, has recently been reported to regulate the Wnt/ β -catenin pathway, which itself regulates cell fate and early development, in a redox-dependent manner(PMID:17567240). Northern blot analysis detected several nucleoredoxin splice variants in adult mouse tissues, with highest expression in testis and skin and lowest expression in liver(PMID:9119370). It has 3 isoforms produced by alternative splicing. This antibody is specific to NXN.

Storage

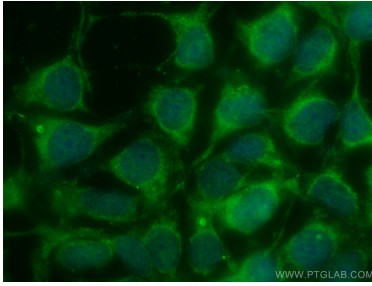
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 NXN antibody (CL488-66603, Clone: 2C6A4) at dilution of 1:200.

1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human NXN (CL488-66603, Clone:2C6A4) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).