

For Research Use Only

CoraLite® Plus 488-conjugated NXT1 Monoclonal antibody



Catalog Number: **CL488-67680**

Basic Information

Catalog Number: CL488-67680	GenBank Accession Number: BC000759	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 29107	CloneNo.: 2C10A2
Source: Mouse	UNIPROT ID: Q9UKK6	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Full Name: NTF2-like export factor 1	
Immunogen Catalog Number: AG30039	Calculated MW: 15 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications:
Species Specificity:
human, mouse, rat

Background Information

NXT1 is located in the nuclear envelope and is homologous to nuclear transport factor 2. NXT1 functions as a nuclear export factor in both RAN (Ras-related nuclear protein)- and CRM1 (required for chromosome region maintenance)-dependent pathways. It is found to stimulate the export of U1 snRNA in RAN- and CRM1-dependent pathways and the export of tRNA and mRNA in a CRM1-independent pathway. NXT1 also heterodimerizes with Tap protein and regulates the ability of Tap protein to mediate nuclear mRNA export.

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

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