

For Research Use Only

# CoraLite® Plus 488-conjugated NXT1 Monoclonal antibody



Catalog Number: CL488-67680

## Basic Information

<b>Catalog Number:</b> CL488-67680	<b>GenBank Accession Number:</b> BC000759	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29107	<b>CloneNo.:</b> 2C10A2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UJK6	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG2a	<b>Full Name:</b> NTF2-like export factor 1	
<b>Immunogen Catalog Number:</b> AG30039	<b>Calculated MW:</b> 15 kDa	
	<b>Observed MW:</b> 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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## Selected Validation Data