

CoraLite® Plus 488-conjugated NXT1 Monoclonal antibody

Catalog Number: **CL488-67680**

Basic Information

Catalog Number:

CL488-67680

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG30039

GenBank Accession Number:

BC000759

GeneID (NCBI):

29107

UNIPROT ID:

Q9UKK6

Full Name:

NTF2-like export factor 1

Calculated MW:

15 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

2C10A2

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

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

