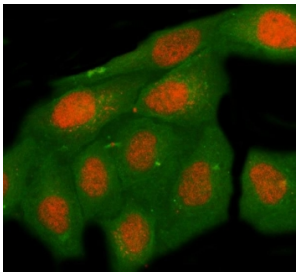
Max-binding protein MNT Antibody / MNT (RQ8302)

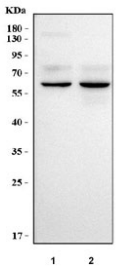
Catalog No.	Formulation	Size
RQ8302	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q99583
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This Max-binding protein MNT antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with Max-binding protein MNT antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa and 2) A431 cell lysate with Max-binding protein MNT antibody. Predicted molecular weight ~62 kDa.

Description

MNT (Max-binding protein MNT) is a Max-binding protein that is encoded by the MNT gene The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. This gene encodes a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper domain (bHLHzip) with which it binds the canonical DNA sequence CANNTG, known as the E box, following heterodimerization with Max proteins. This protein is likely a transcriptional repressor and an antagonist of Myc-dependent transcriptional activation and cell growth. This protein represses transcription by binding to DNA binding proteins at its N-terminal Sin3-interaction domain.

Application Notes

Optimal dilution of the Max-binding protein MNT antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (R222-A582) was used as the immunogen for the Max-binding protein MNT antibody.

Storage

After reconstitution, the Max-binding protein MNT antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com