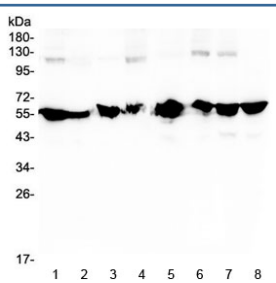
NONO Antibody / p54nrb Antibody [clone 11E2-] (RQ4624)

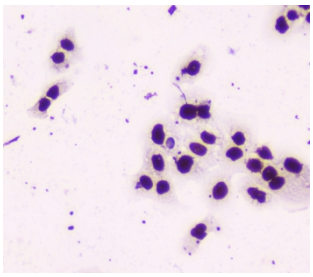
Catalog No.	Formulation	Size
RQ4624	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

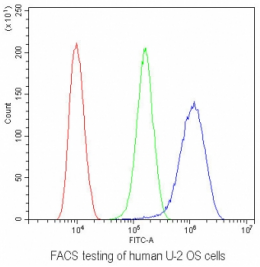
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	11E2-
Purity	Protein G affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q15233
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml ICC (FFPE) : 1-2ug/ml Flow Cytometry : 1-3ug/10^6 cells
Limitations	This NONO antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) placenta, 3) MCF7, 4) A549, 5) SW620, 6) PANC-1, 7) U-2 OS and 8) K562 lysate with NONO antibody at 0.5ug/ml. Predicted molecular weight ~54 kDa.



ICC staining of FFPE human A431 cells with NONO antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



FACS testing of human U-2 OS cells

Flow cytometry testing of human U-2 OS cells with NONO antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NONO antibody.

Description

Non-POU domain-containing octamer-binding protein is a protein that in humans is encoded by the NONO gene. This gene encodes an RNA-binding protein which plays various roles in the nucleus, including transcriptional regulation and RNA splicing. A rearrangement between this gene and the transcription factor E3 gene has been observed in papillary renal cell carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes exist on Chromosomes 2 and 16.

Application Notes

Optimal dilution of the NONO antibody should be determined by the researcher.

Immunogen

Amino acids MQSNKTFNLEKQNHTPRKHHQHHHQQQHHQQQQQQ were used as the immunogen for the NONO antibody.

Storage

After reconstitution, the NONO 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