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# Product datasheet for TA504777M

## NONO Mouse Monoclonal Antibody [Clone ID: OTI4D9]

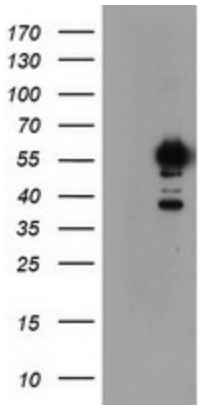
### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI4D9 |
| **Applications:** | FC, IF, IHC, WB |
| **Recommended Dilution:** | WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100 |
| **Reactivity:** | Human, Dog, Rat, Monkey, Mouse |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Human recombinant protein fragment correspongding to amino acids 184-385 of human NONO(NP_031389) produced in E.coli. |
| **Formulation:** | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| **Concentration:** | 0.82 mg/ml |
| **Purification:** | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | 54.1 kDa |
| **Gene Name:** | non-POU domain containing octamer binding |
| **Database Link:** | NP_031389<br>Entrez Gene 53610 MouseEntrez Gene 317259 RatEntrez Gene 612773 DogEntrez Gene 697263 MonkeyEntrez Gene 4841 Human<br>Q15233 |
| **Background:** | 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. [provided by RefSeq] |

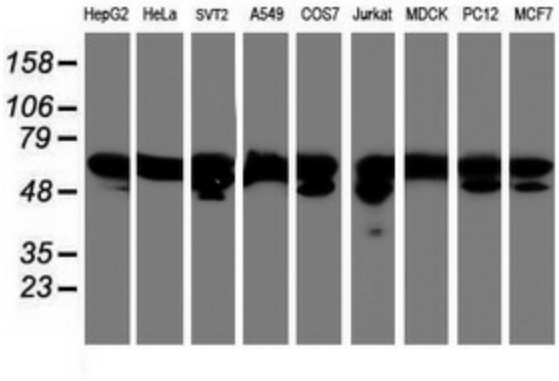
**Synonyms:** MRXS34; NMT55; NRB54; P54; P54NRB; PPP1R114

**Protein Families:** Druggable Genome, Transcription Factors

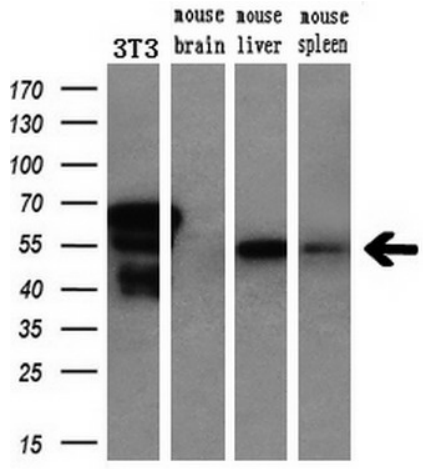
## Product images:



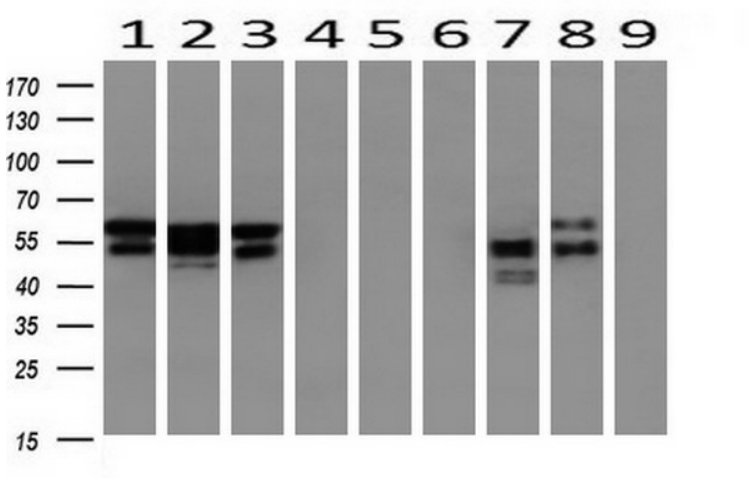

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NONO (Cat# [RC206688], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NONO(Cat# [TA504777]). Positive lysates [LY402135] (100ug) and [LC402135] (20ug) can be purchased separately from OriGene.



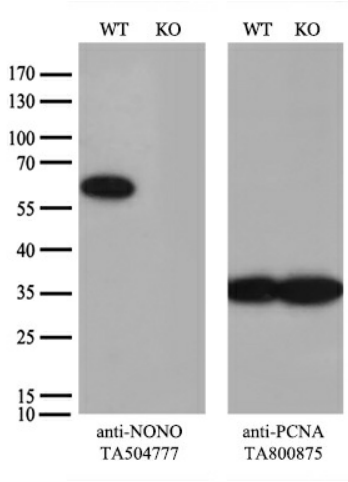

Western blot analysis of extracts (35ug) from 9 different cell lines by usin g anti-NONO monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



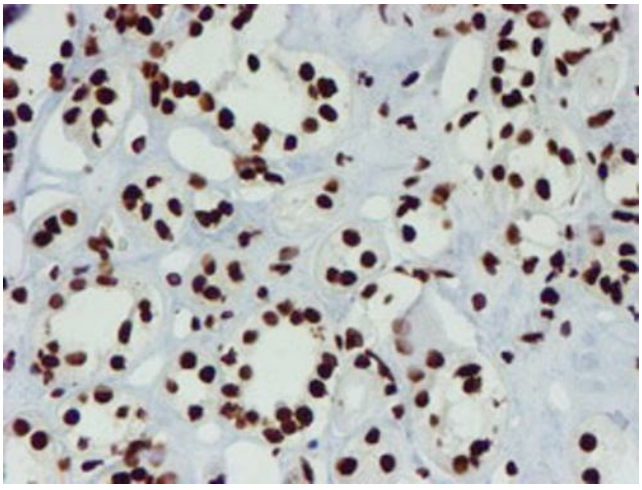

Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-NONO monoclonal antibody (1:200).



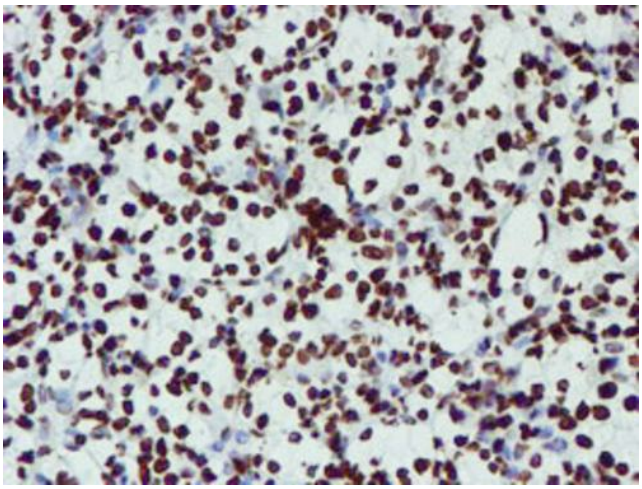

Western blot analysis of extracts (10ug) from 9 Human tissue by using anti-NONO monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: Colon).



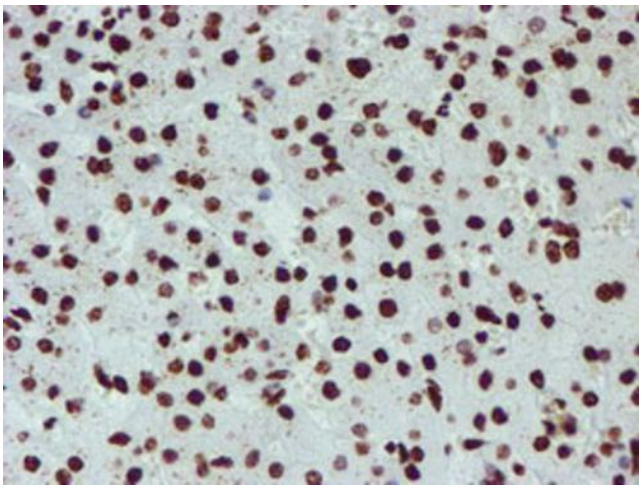

Equivalent amounts of cell lysates (10 ug per lane) of wild-type HEK293T cells (WT, Cat# LC810293T) and NONO-Knockout HEK293T cells (KO, Cat# [LC841199]) were separated by SDS-PAGE and immunoblotted with anti-NONO monoclonal antibody [TA504777] (1:500). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.



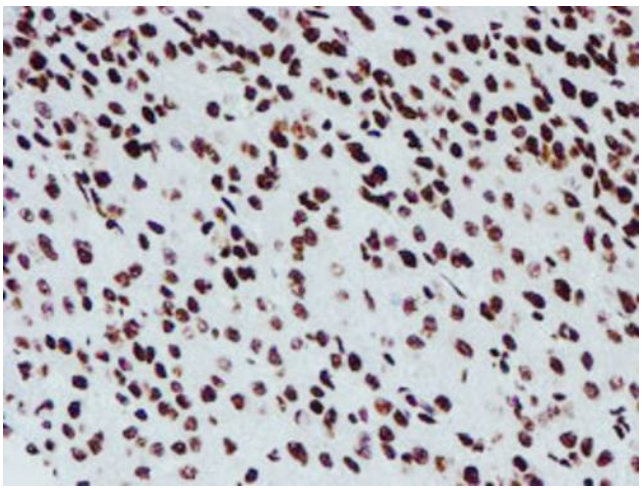
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



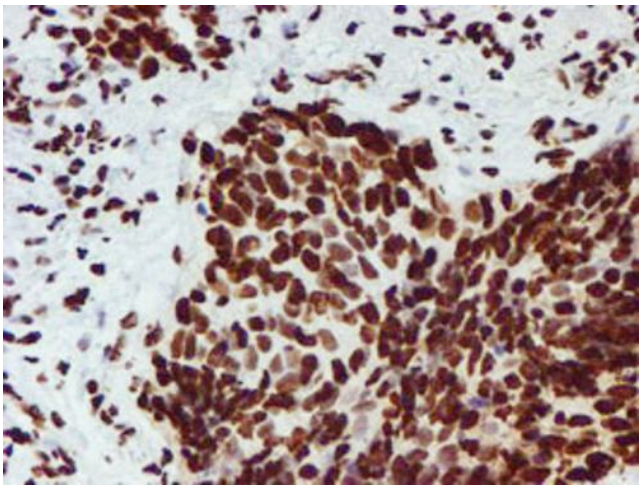
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



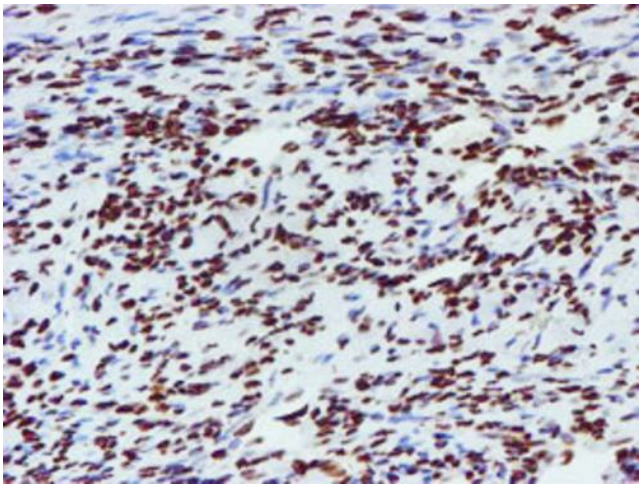
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



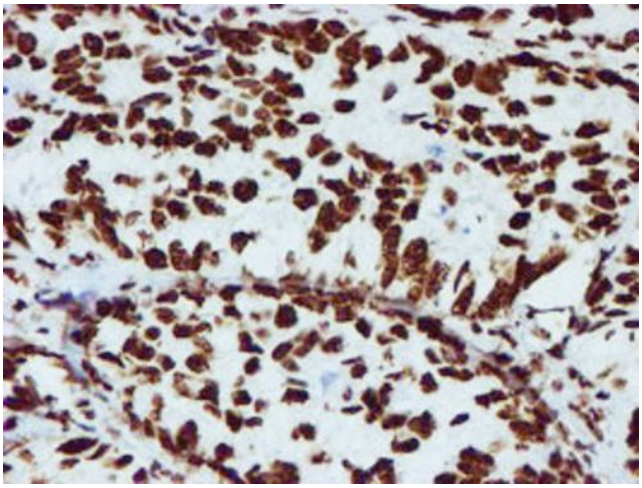
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



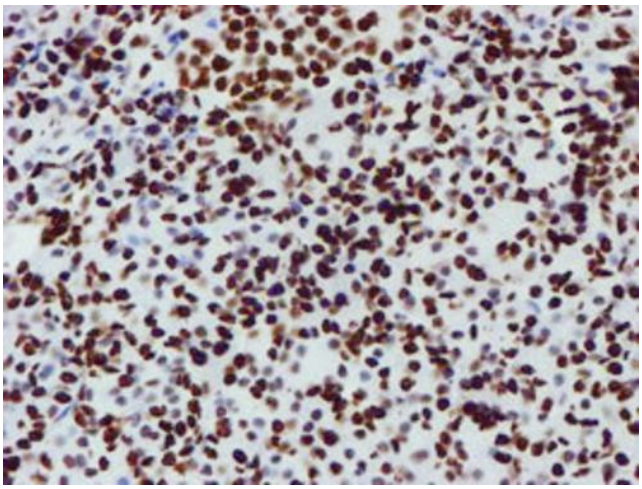
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



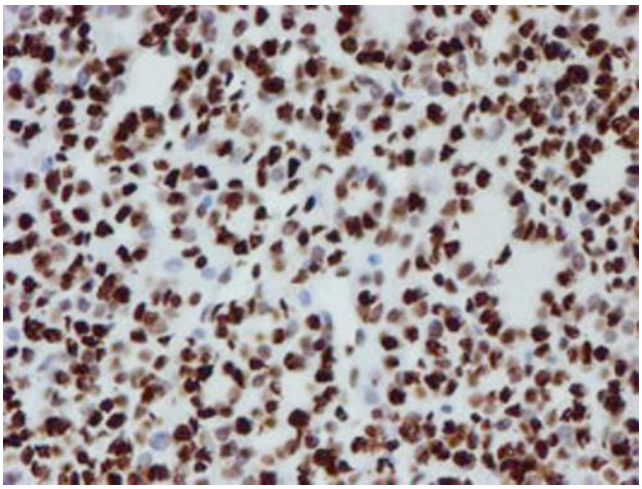
Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



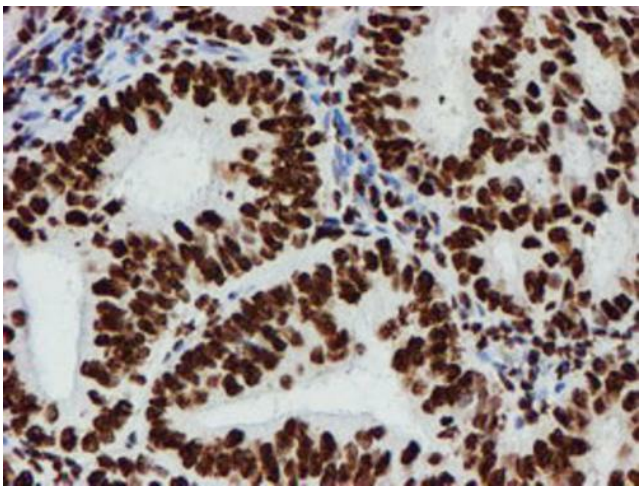
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



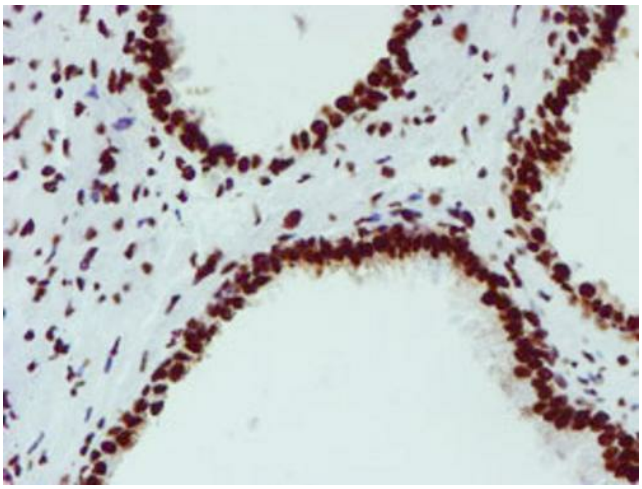
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



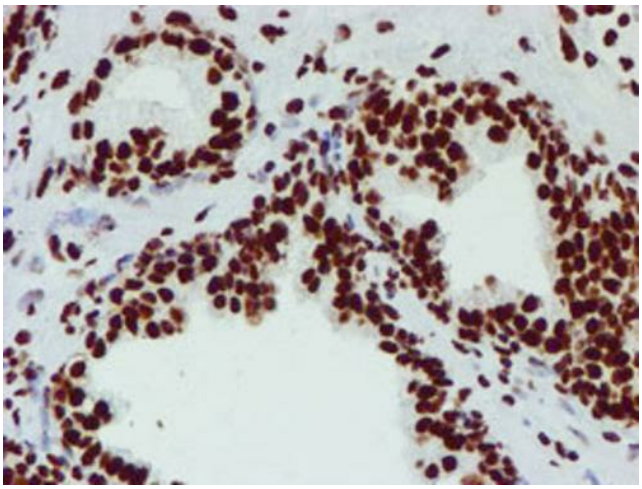
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



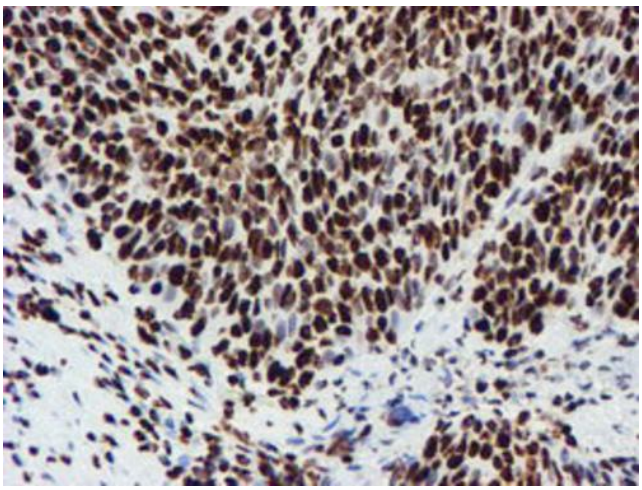
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



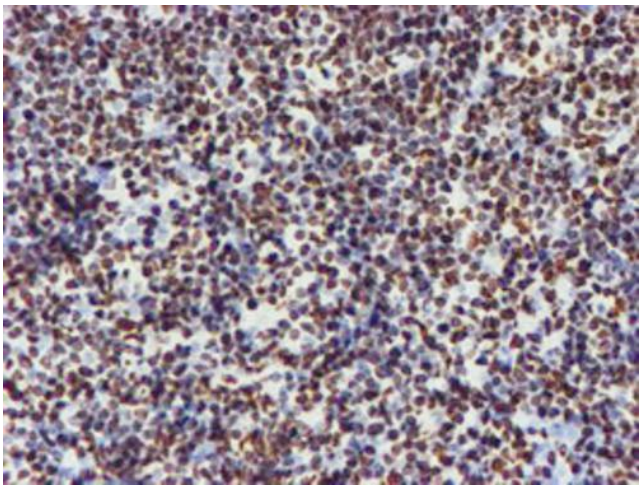
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



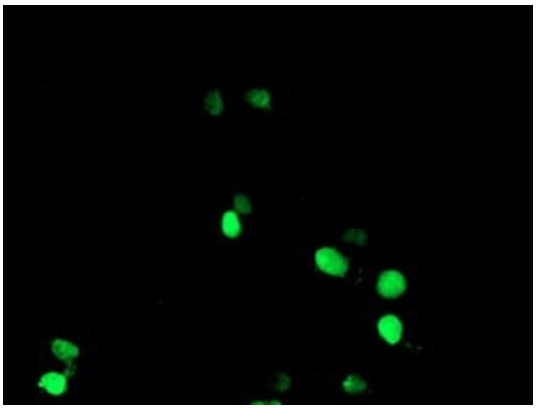
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



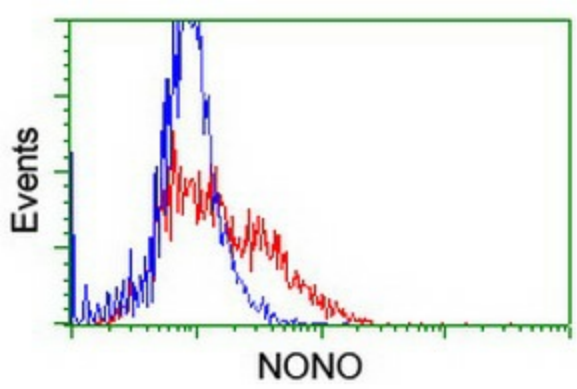
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-NONO mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-NONO mouse monoclonal antibody ([TA504777]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NONO ([RC206688]).




HEK293T cells transfected with either [RC206688] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NONO antibody ([TA504777]), and then analyzed by flow cytometry.