

## Basic Information

<b>Product Name</b>	Anti-NONO Antibody (Clone#OTI3F8)	
<b>Gene Name</b>	NONO	
<b>Source</b>	Mouse	
<b>Clonality</b>	Monoclonal	
<b>Isotype</b>	IgG1	
<b>Species Reactivity</b>	human, mouse, rat, monkey	
<b>Tested Application</b>	WB, IHC, ICC/IF	
<b>Contents</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 184-385 of human NONO(NP_031389) produced in E.coli.	
<b>Concentration</b>	500 ug/ml	
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
<b>Observed MW</b>	60 kDa	
<b>Dilution Ratios</b>	Western blot (WB):	1:200~1000
	Immunohistochemistry (IHC):	1:150
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:100

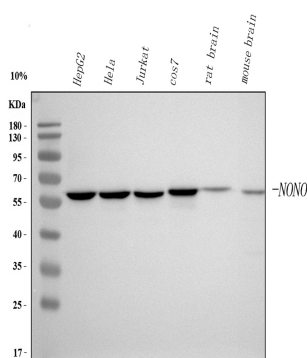
## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

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, Feb 2009]

## Selected Validation Data



Western blot analysis of anti-NONO antibody (MA03515). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HepG2 whole cell lysates,

Lane 2: human Hela whole cell lysates,

Lane 3: human Jurkat whole cell lysates,

Lane 4: monkey COS-7 whole cell lysates,

Lane 5: rat brain tissue lysates,

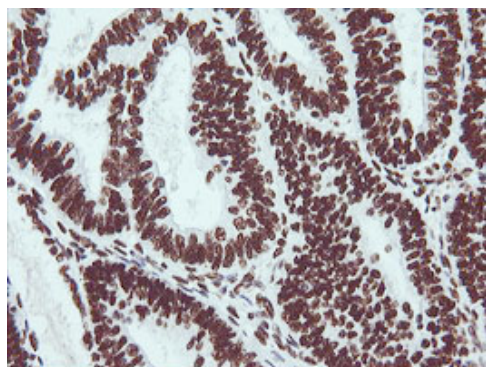
Lane 6: mouse brain tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

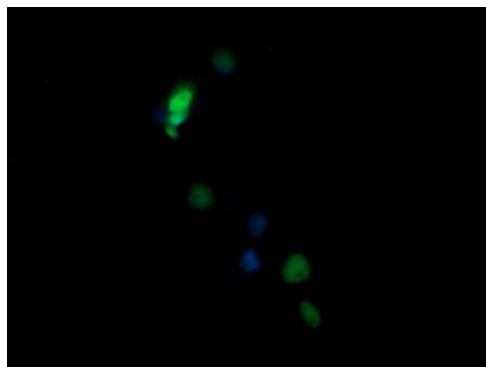
Then the membrane was incubated with mouse anti-NONO antigen affinity purified monoclonal antibody (MA03515) and probed with a goat anti-mouse IgG-HRP secondary antibody (Catalog # BA1050).

The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for NONO at approximately 60 kDa. The expected band size for NONO is at 54 kDa.

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Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NONO mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, MA03515)



Anti-NONO mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NONO .

Product datasheet

## Anti-NONO Antibody (Clone#OTI3F8)

Catalog Number: **MA03515**



antibody and ELISA experts

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