

# Product Datasheet

## MEF2C Antibody (CL0368) - BSA Free NBP2-52925

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-52925**

MEF2C Antibody (CL0368) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL0368
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

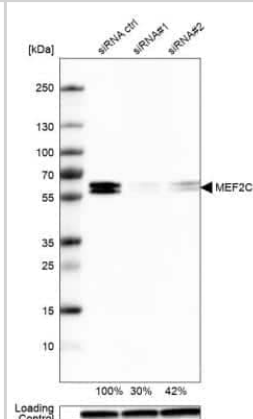
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse MEF2C Antibody (CL0368) - BSA Free (NBP2-52925) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4208
<b>Gene Symbol</b>	MEF2C
<b>Species</b>	Human
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from Q06413, with the exact immunogen sequence remaining proprietary.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100.

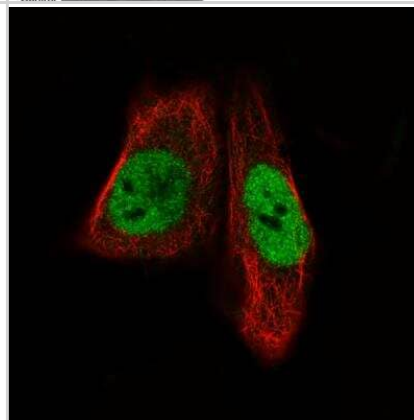


## Images

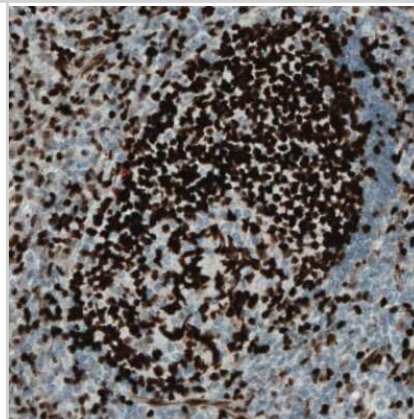
Western Blot: MEF2C Antibody (CL0368) [NBP2-52925] - Analysis in WM115 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-MEF2C antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



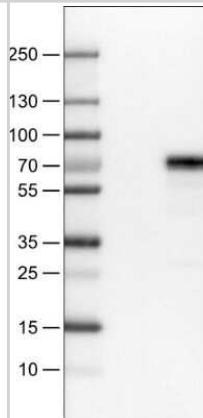
Immunocytochemistry/Immunofluorescence: MEF2C Antibody (CL0368) [NBP2-52925] - Staining of RH-30 cells using the Anti-MEF2C monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



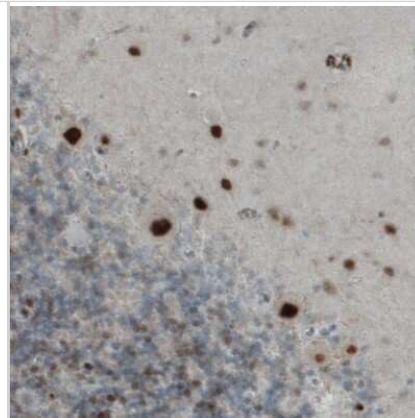
Immunohistochemistry-Paraffin: MEF2C Antibody (CL0368) [NBP2-52925] - Staining of human tonsil shows strong nuclear immunoreactivity in a subset of lymphoid cells.



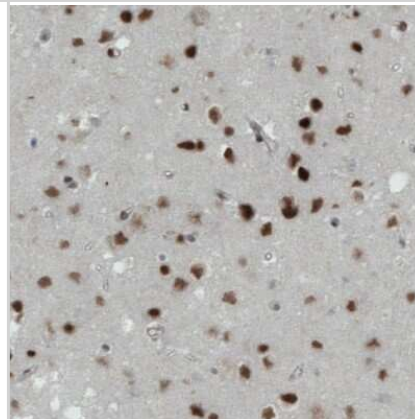
Western Blot: MEF2C Antibody (CL0368) [NBP2-52925] - Lane 1: Marker [kDa], Lane 2: Negative control (vector only transfected HEK293T lysate), Lane 3: MEF2C Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



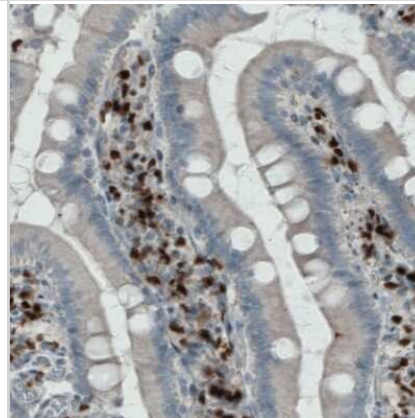
Immunohistochemistry-Paraffin: MEF2C Antibody (CL0368) [NBP2-52925] - Staining of human cerebellum shows strong nuclear positivity in Purkinje cells.



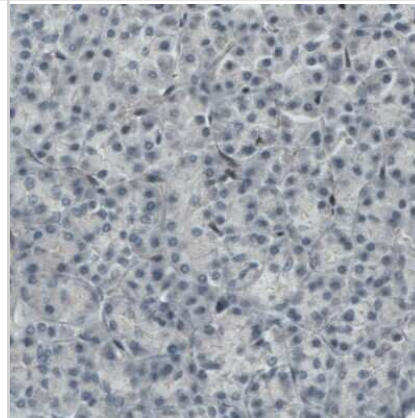
Immunohistochemistry-Paraffin: MEF2C Antibody (CL0368) [NBP2-52925] - Staining of human cerebral cortex shows strong immunoreactivity in neuronal cells.



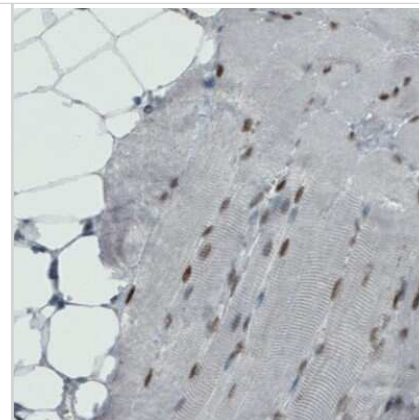
Immunohistochemistry: MEF2C Antibody (CL0368) [NBP2-52925] - Staining of human duodenum shows strong nuclear immunoreactivity in a subset of lymphoid cells.



Immunohistochemistry-Paraffin: MEF2C Antibody (CL0368) [NBP2-52925] - Staining of human pancreas shows absence of staining (negative control).



Immunohistochemistry-Paraffin: MEF2C Antibody (CL0368) [NBP2-52925] - Staining of human skeletal muscle shows moderate nuclear positivity in muscle fibers.





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### **Products Related to NBP2-52925**

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NBP2-52925PEP	MEF2C Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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