

# Product Datasheet

## MEF2C Antibody (CL0368) - Azide and BSA Free NBP3-44011

Unit Size: 100 ul

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

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**NBP3-44011**

MEF2C Antibody (CL0368) - Azide and BSA Free

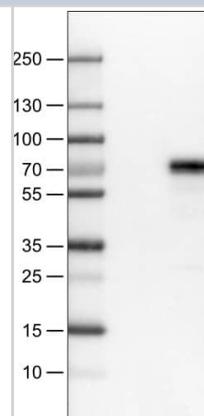
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0368
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	4208
Gene Symbol	MEF2C
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of Q06413, with the exact immunogen sequence remaining proprietary.

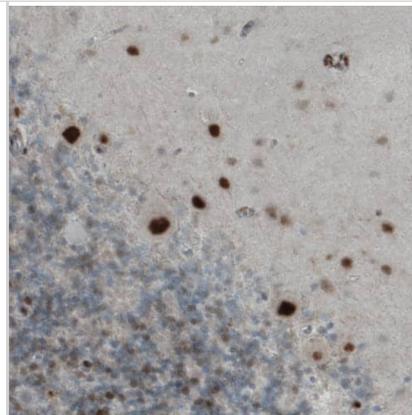
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin,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

**Images**

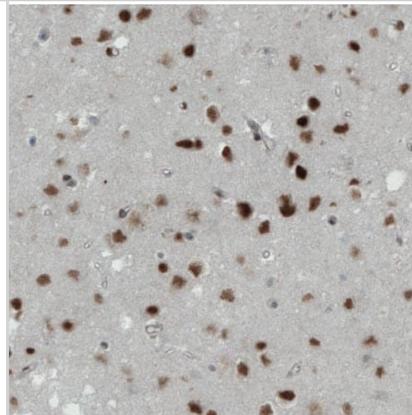
Lane 1: Marker [kDa]  
 Lane 2: Negative control (vector only transfected HEK293T lysate)  
 Lane 3: MEF2C Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



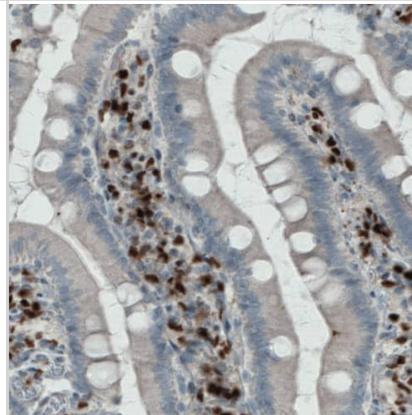
Staining of human cerebellum shows strong nuclear positivity in Purkinje cells.



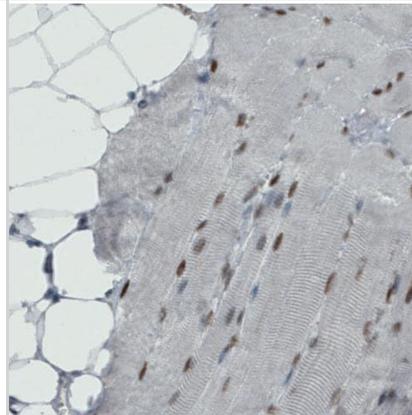
Staining of human cerebral cortex shows strong immunoreactivity in neuronal cells.



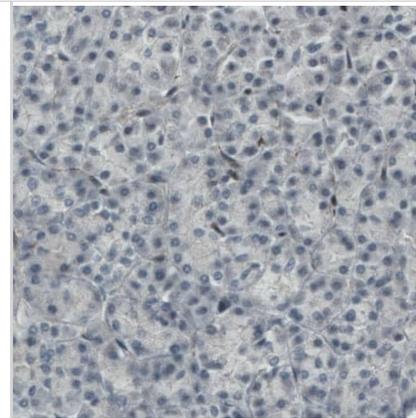
Staining of human duodenum shows strong nuclear immunoreactivity in a subset of lymphoid cells.



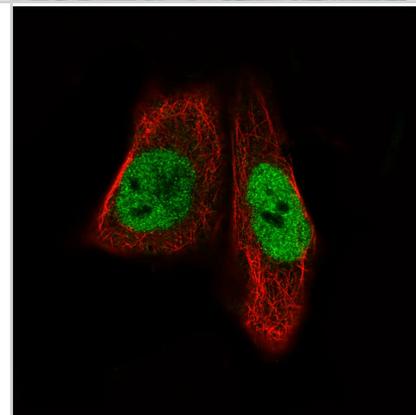
Staining of human skeletal muscle shows moderate nuclear positivity in muscle fibers.



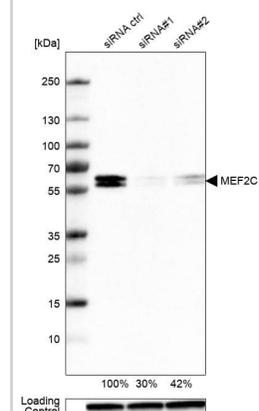
Staining of human pancreas shows absence of staining (negative control).



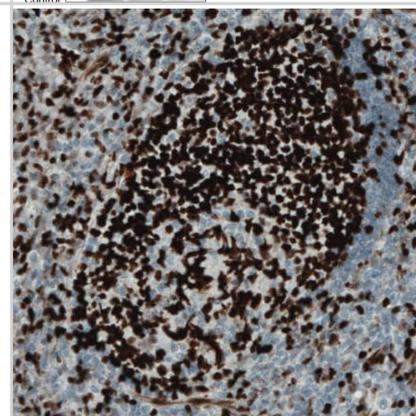
Staining of RH-30 cells using the Anti-MEF2C monoclonal antibody .



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.



Staining of human tonsil shows strong nuclear immunoreactivity in a subset of lymphoid cells.





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### **Products Related to NBP3-44011**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-30671PEP	MEF2C Recombinant Protein Antigen

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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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