

# Product Datasheet

## MAP2 Antibody (CL5420) - Azide and BSA Free NBP3-43783

Unit Size: 100 ug

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

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**NBP3-43783**

MAP2 Antibody (CL5420) - Azide and BSA Free

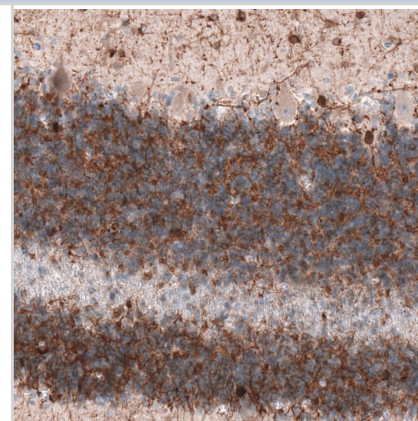
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL5420
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	4133
Gene Symbol	MAP2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P11137, with the exact immunogen sequence remaining proprietary.

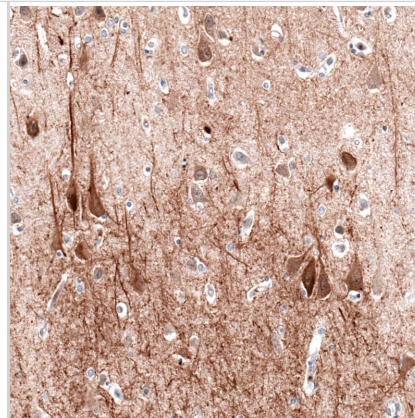
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: PFA/Triton X-100

**Images**

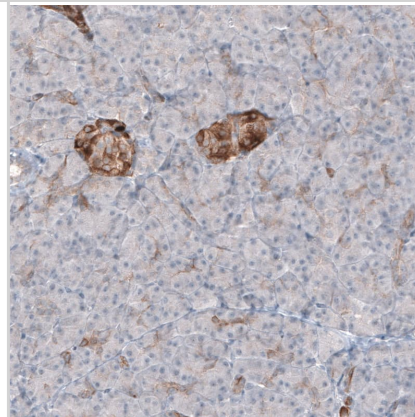
Staining of human cerebellum shows positivity in a subset of neurons.



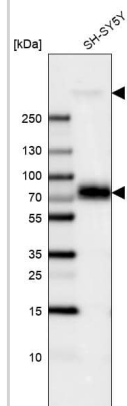
Staining of human cerebral cortex shows cytoplasmic immunoreactivity in neurons, as well as positivity in neuropil.



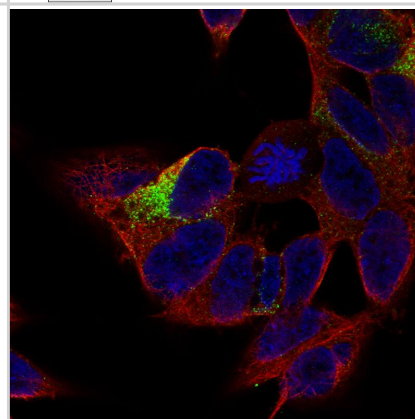
Staining of human pancreas shows cytoplasmic immunoreactivity in pancreatic islets.



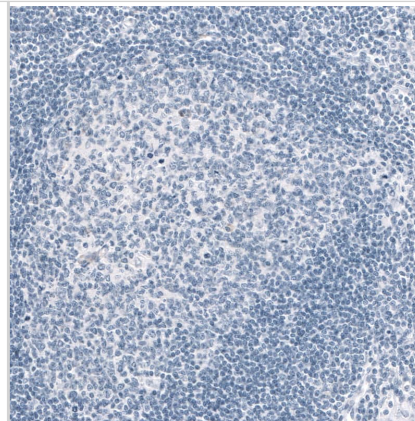
Analysis in human cell line SH-SY5Y.



Staining of SH-SY5Y cells using the Anti-MAP2 monoclonal antibody).



Staining of human tonsil shows absence of positivity in lymphoid cells as expected (negative control).





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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)
H00004133-P01-10ug	Recombinant Human MAP2 GST (N-Term) Protein

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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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