

# Product Datasheet

## MAP2 Antibody (5H11) [DyLight 488] NBP1-92711G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-92711G**

MAP2 Antibody (5H11) [DyLight 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5H11
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	DyLight 488
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Description</b>	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Host</b>	Mouse
<b>Gene ID</b>	4133
<b>Gene Symbol</b>	MAP2
<b>Species</b>	Human, Mouse, Rat, Bovine, Monkey
<b>Reactivity Notes</b>	Monkey reactivity reported in scientific literature (Mortazavi F et al).
<b>Marker</b>	Neuronal Dendritic Marker
<b>Specificity/Sensitivity</b>	Note that since the epitope for this antibody is within the projection domain found only in MAP2A and MAP2B, and so the antibody does not bind to the lower molecular weight MAP2C and MAP2D isoforms which lack this region.
<b>Immunogen</b>	MAP2 Antibody (5H11) was developed against full length purified bovine protein, epitope mapped to projection domain of human sequence, amino acids 1057-1588 using MAP2 Projection Domain 3.
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry Free-Floating
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-92711G**

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NBP2-27231G	Mouse IgG2b Isotype Control (MPC-11) [DyLight 488]
H00004133-P01-10ug	Recombinant Human MAP2 GST (N-Term) Protein
236-EG-200	EGF [Unconjugated]
NBP2-80250	Human MAP2 ELISA Kit (Colorimetric)

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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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