

## Product datasheet for **BM2472F**

### MAP2 Mouse Monoclonal Antibody [Clone ID: AP20]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	AP20
Applications:	IHC
Recommended Dilution:	This antibody can be used in protein blotting and immunohistochemistry (1:500) on frozen tissues only .
Reactivity:	Bovine, Chicken, Human, Mouse, Quail, Rat, Xenopus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	Anti-MAP-2 recognizes (Mr 300 kDa)MAP-2 protein from bovine brain and dendrites and cell bodies of neurons. Anti-MAP-2 (Clone AP20) reacts with the high molecular weight forms (2a & 2b) of MAP-2 but not with the low molecular weight form (2c).
Formulation:	0.01 M PBS, pH 7.2, containing 2 mM EDTA, 1% BSA and 0.09% sodium azide Label: FITC State: Liquid Ig fraction Label: Fluorescein has been covalently attached to anti-MAP-2 and purified to assure optimal fluorochrome/protein molar ratio Absorption emission: 492 nm / 518 nm Molar ratio: F / P = 3.75
Concentration:	lot specific
Purification:	Protein G affinity chromatography
Conjugation:	FITC
Storage:	Store the antibody at 2-8°C. DO NOT FREEZE. Protect from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	microtubule associated protein 2
Database Link:	<a href="#">Entrez Gene 17756 Mouse</a> <a href="#">Entrez Gene 25595 Rat</a> <a href="#">Entrez Gene 4133 Human</a> <a href="#">P11137</a>



[View online »](#)

<b>Background:</b>	Microtubule Associated Protein 2 exists in two high molecular weight forms (2a and 2b) and a low molecular weight form (2c). The expression of MAP2 is developmentally regulated and its multiple forms arise by alternative splicing of a single gene.
<b>Synonyms:</b>	Microtubule-associated protein 2, MAP2, Neuronal Marker
<b>Protein Families:</b>	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS