

Mouse Monoclonal Antibody to MAP2

Catalogue Number	sAP-0727
Target Molecule	Name: MAP2 Aliases: MAP2A; MAP2B; MAP2C MW: 199kDa Entrez Gene ID: 4133
Description	This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described.
Immunogen	Purified recombinant fragment of human MAP2 (AA: 24-123) expressed in E. Coli. ;
Recitative Species	Human
Clone	MM5B7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Biol Chem. 2010 Jan 1;285(1):242-54. ; 2.Am J Clin Pathol. 2009 May;131(5):710-4. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**