Microtubule-associated protein 2 Antibody

Mouse Monoclonal Antibody [Clone MAP2/15566]

Catalog No	Format	Size
4133-MSM41-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4133-MSM41-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4133-MSM41-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

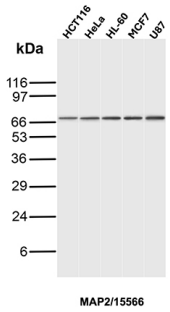
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	MAP2/15566
Immunogen	Recombinant fragment (around aa 1-1827) of human MAP2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG
Mol. Weight of Antigen	199.52kDa
Cellular Localization	Cell projection, Cytoplasm, Cytoskeleton, Dendrite
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Microtubule-associated protein 2 Antibody



Western blot analysis of HCT116, HeLa, HL-60, MCF-7 and U87 cell lysates using MAP2 Mouse Monoclonal Antibody (MAP2/15566).

Specificity & Comments

The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.