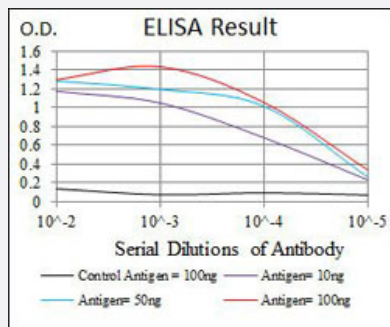


MAP2 monoclonal antibody, clone 5B7

Catalog # MAB17875 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with MAP2 monoclonal antibody, clone 5B7 (Cat # MAB17875).

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant human MAP2.

Immunogen Recombinant protein corresponding to amino acids 24-123 of human MAP2.

Host Mouse

Theoretical MW (kDa) 199

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage
 ELISA (1:10000)
 Flow Cytometry (1:200-1:400)
 Western Blot (1:100-1:500)
 The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.05% sodium azide).

Storage Instruction
 Store at 4°C. For long term storage store at -20°C.
 Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
ELISA analysis with MAP2 monoclonal antibody, clone 5B7 (Cat # MAB17875).
- Flow Cytometry

Gene Info — MAP2

Entrez GeneID [4133](#)

Protein Accession# [P11137](#)

Gene Name MAP2

Gene Alias DKFZp686I2148, MAP2A, MAP2B, MAP2C

Gene Description microtubule-associated protein 2

Omim ID [157130](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000163916

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Tobacco Use Disorder](#)