

Datasheet for ABIN7250104  
**anti-MAP2 antibody**



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2 Images

## Overview

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Quantity:    | 200 µL                                                                               |
| Target:      | MAP2                                                                                 |
| Reactivity:  | Human, Mouse, Rat                                                                    |
| Host:        | Mouse                                                                                |
| Clonality:   | Monoclonal                                                                           |
| Conjugate:   | This MAP2 antibody is un-conjugated                                                  |
| Application: | Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                  |                        |
|------------------|------------------------|
| Immunogen:       | Synthetic Peptide      |
| Clone:           | 5F2                    |
| Isotype:         | IgG                    |
| Characteristics: | Monoclonal Antibody    |
| Purification:    | Protein A purification |

## Target Details

|                   |                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | MAP2                                                                                                                                                                                         |
| Alternative Name: | MAP2 ( <a href="#">MAP2 Products</a> )                                                                                                                                                       |
| Background:       | 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 |

## Target Details

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.

UniProt: [P11137](#)

## Application Details

Application Notes: IHC 1:100-1:300, IF 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.4.

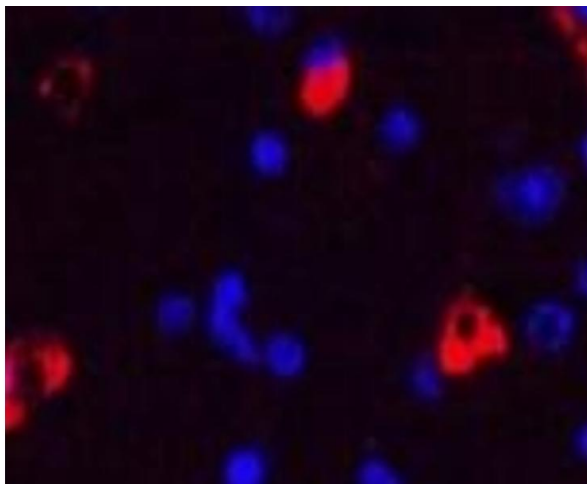
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

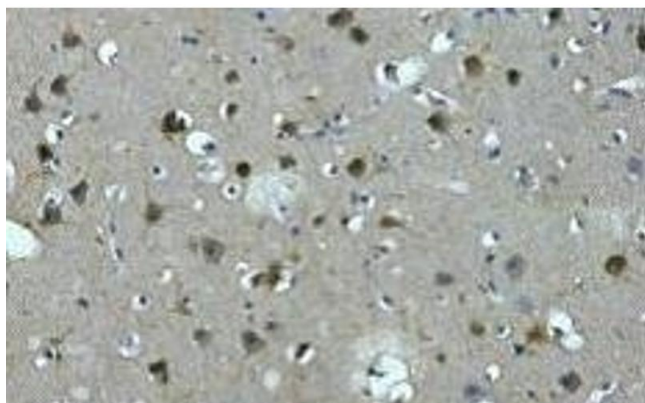
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of Mouse brain tissue using MAP2 Monoclonal Antibody at dilution of 1:200.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human brain tissue using MAP2 Monoclonal Antibody at dilution of 1:200.