Datasheet for ABIN969536

anti-MAP2 antibody (AA 24-123)

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Overview

Quantity:	0.1 mg
Target:	MAP2
Binding Specificity:	AA 24-123
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human MAP2 (AA: 24-123) expressed in E. coli.
Clone:	5B7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	MAP2
Alternative Name:	MAP2 (MAP2 Products)
Background:	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

Target Details

	an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dentrites, implicating a role in determining and stabilizing dentritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. Aliases: MAP2A, MAP2B, MAP2C
Molecular Weight:	199 kDa
Gene ID:	4133
HGNC:	4133

Application Details

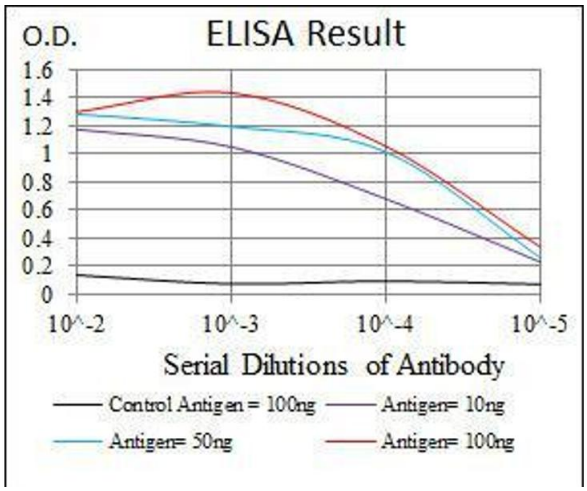
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

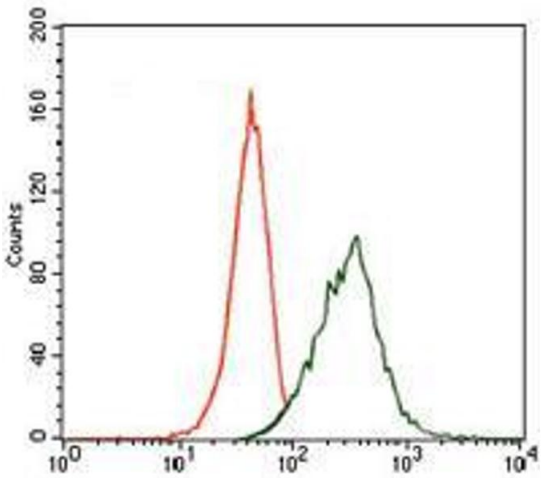
Publications

Product cited in:	Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in oral lichen planus." in: **Journal of oral science**, Vol. 51, Issue 3, pp. 355-65, (2009) (PubMed).



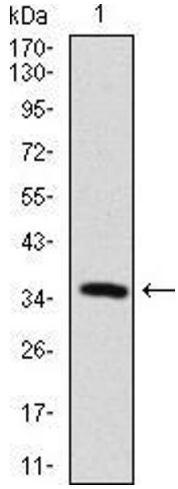
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of HeLa cells using MAP2 mouse mAb (green) and negative control (red).



Western Blotting

Image 3. Western blot analysis using MAP2 mAb against human MAP2 recombinant protein. (Expected MW is 36.1 kDa)