

Mouse MAP2 Monoclonal Antibody | anti-MAP2 antibody

MAP2 Monoclonal Antibody (7D4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30810	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunocytochemistry

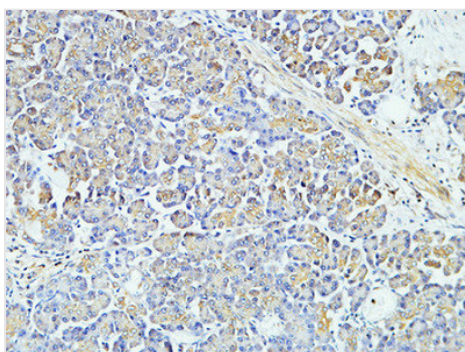
PRODUCT SYNONYMS

MAP2; Monoclonal Antibody; MAP2 Monoclonal Antibody (7D4); Microtubule-associated protein 2; MAP-2; anti-MAP2 antibody

PRODUCT SPECIFICATIONS

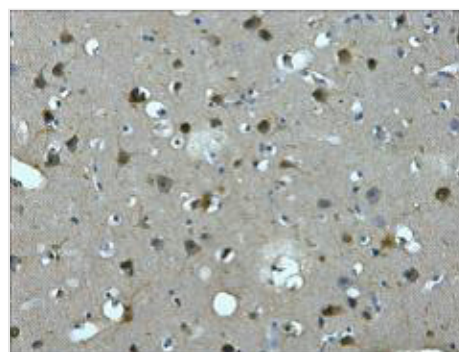
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	7D4
Specificity	The antibody detects endogenous MAP2 proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-MAP2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	IHC: 1:50-200 IF: 1:50-200
Immunogen	Synthetic Peptide of MAP2
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



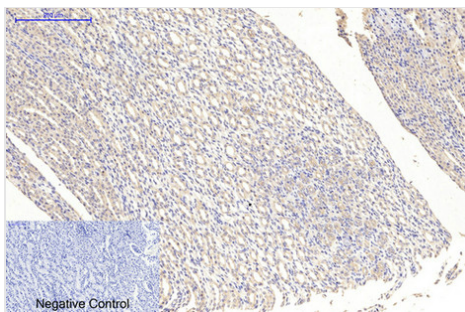
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1. MAP2 Monoclonal Antibody(7D4) was diluted at 1:200(4 degree C. overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C. 20min). 3. Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



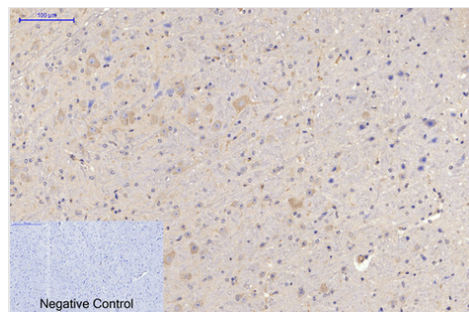
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-brain tissue. 1. MAP2 Monoclonal Antibody(7D4) was diluted at 1:200(4 degree C. overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C. 20min). 3. Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



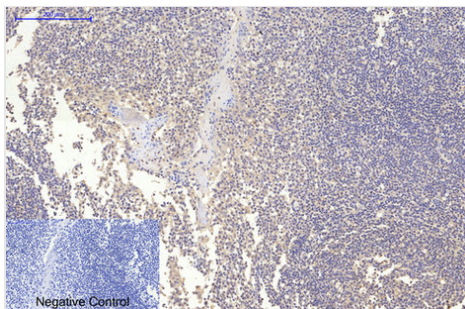
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1. MAP2 Monoclonal Antibody(7D4) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



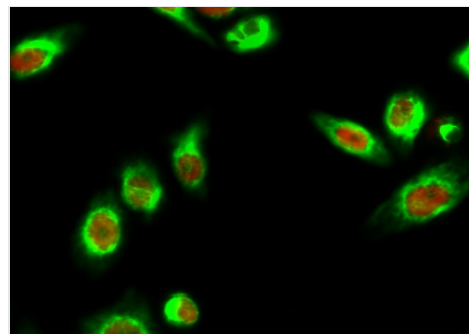
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human pancreas. 1. Antibody was diluted at 1:400(4 degree overnight). 2. High-pressure and temperature EDTA. pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human pancreas. 1. Antibody was diluted at 1:400(4 degree overnight). 2. High-pressure and temperature EDTA. pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human pancreas. 1. Antibody was diluted at 1:400(4 degree overnight). 2. High-pressure and temperature EDTA. pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).

ADDITIONAL INFORMATION

Related Product Information for anti-MAP2 antibody	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, Jan 2010]
Product Categories/Family for anti-MAP2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	87578396
NCBI GeneID	4133
NCBI Accession #	NP_002365.3
NCBI GenBank Nucleotide #	NM_002374.3
UniProt Accession #	P11137; Q17S04; Q8IUX2; Q99975; Q99976
Molecular Weight	199,526 Da
NCBI Official Full Name	microtubule-associated protein 2 isoform 1
NCBI Official Synonym Full Names	microtubule-associated protein 2
NCBI Official Symbol	MAP2

NCBI Official Synonym Symbols	MAP2A; MAP2B; MAP2C
NCBI Protein Information	microtubule-associated protein 2; MAP-2
UniProt Protein Name	Microtubule-associated protein 2
UniProt Gene Name	MAP2
UniProt Synonym Gene Names	MAP-2
UniProt Entry Name	MTAP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/map2-antibody-clone-7d4-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/30810>