

MAP2 Monoclonal Antibody(7D4)
Catalog # AP63321**Specification**

MAP2 Monoclonal Antibody(7D4) - Product Information

Application	IHC
Primary Accession	P11137
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

MAP2 Monoclonal Antibody(7D4) - Additional Information**Gene ID** 4133**Other Names**

MAP2; Microtubule-associated protein 2; MAP-2

Dilution

IHC~~IHC 1:200 IF 1:50-200

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

MAP2 Monoclonal Antibody(7D4) - Protein Information**Name** MAP2**Function**

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.

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, dendrite {ECO:0000250|UniProtKB:P20357}

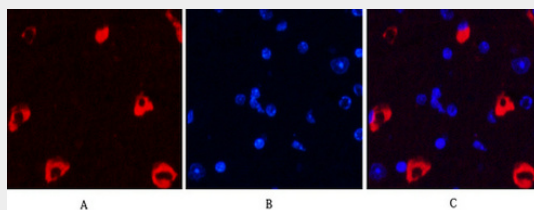
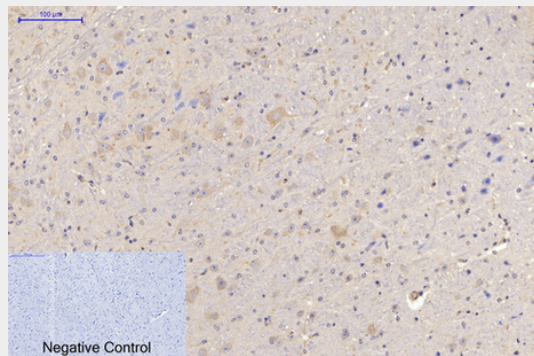
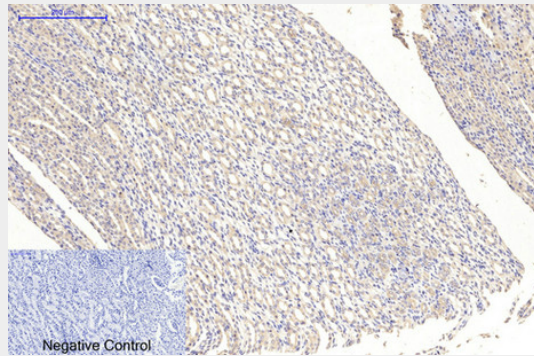
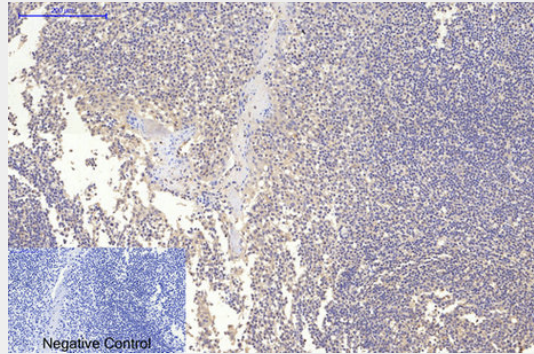
MAP2 Monoclonal Antibody(7D4) - Protocols

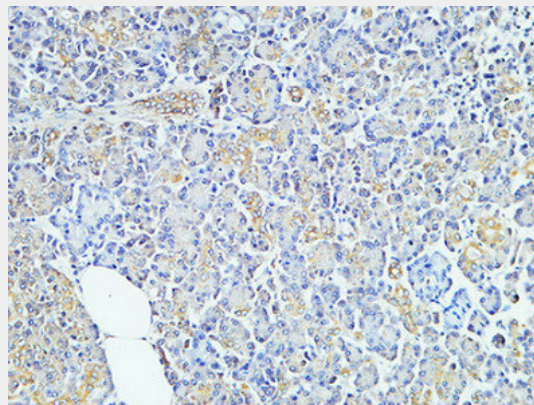
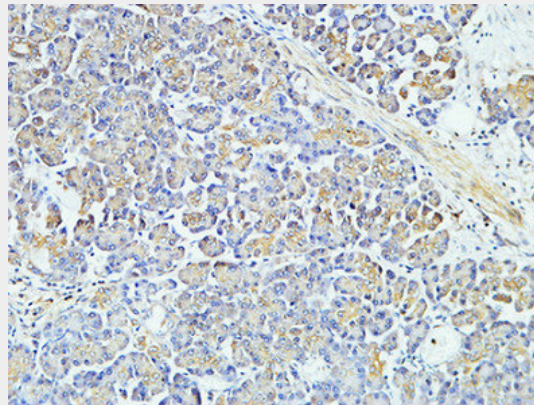
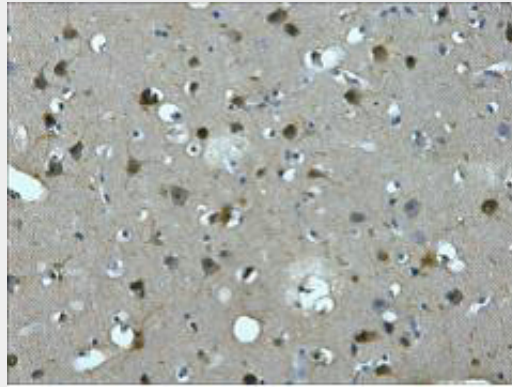
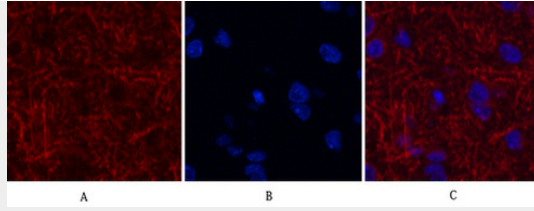
Provided below are standard protocols that you may find useful for product applications.

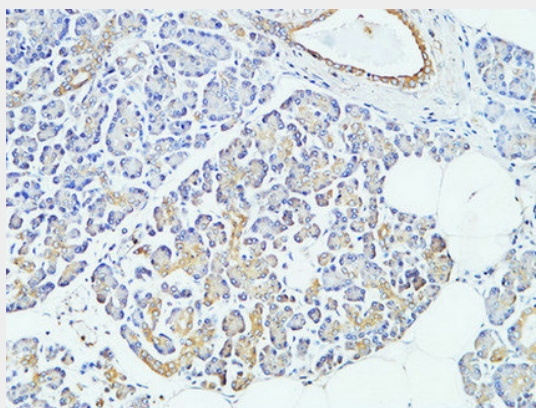
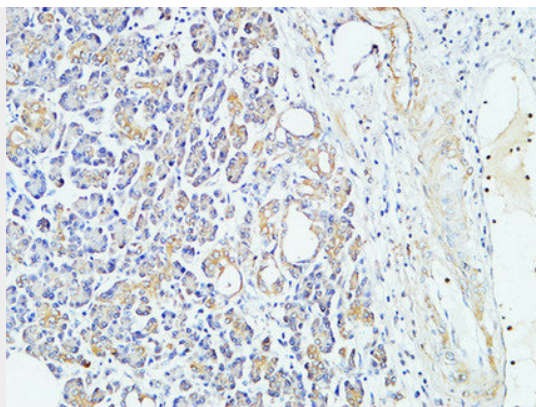
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MAP2 Monoclonal Antibody(7D4) - Images







MAP2 Monoclonal Antibody(7D4) - Background

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.

MAP2 Monoclonal Antibody(7D4) - Citations

- [NLRP3-GABA signaling pathway contributes to the pathogenesis of impulsive-like behaviors and cognitive deficits in aged mice.](#)