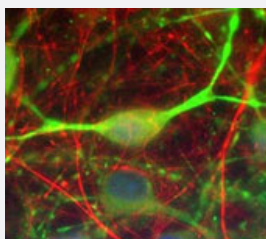


Ina monoclonal antibody, clone 1D2

Catalog # MAB2316 Size 500 uL

Applications



Immunofluorescence

Mixed cultures of rat CNS cells stained with Ina monoclonal antibody, clone 1D2 (Cat # MAB2316) (red) and chicken antibody to Microtubule associated protein 2 (MAP2- green). The α -internexin is localized primarily in neuronal axons in these cultures, while the perikarya and dendrites of neurons stain strongly for MAP2.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant Ina.
Immunogen	Recombinant protein corresponding to rat Ina.
Host	Mouse
Reactivity	Human, Mammals
Specificity	This antibody specifically recognizes the C-terminal non-helical extension of α -internexin.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In tissue culture supernatant
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunofluorescence

Mixed cultures of rat CNS cells stained with Ina monoclonal antibody, clone 1D2 (Cat # MAB2316) (red) and chicken antibody to Microtubule associated protein 2 (MAP2- green). The α -internexin is localized primarily in neuronal axons in these cultures, while the perikarya and dendrites of neurons stain strongly for MAP2.

Gene Info — Ina

Entrez GeneID [24503](#)

Gene Name Ina

Gene Alias Inexa, Intlaa, Nf66

Gene Description internexin neuronal intermediate filament protein, alpha

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations internexin, alpha

Publication Reference

- [Angiotensin II increases GABAB receptor expression in nucleus tractus solitarii of rats.](#)

Yao F, Sumners C, O'Rourke ST, Sun C.

American Journal of Physiology. Heart and Circulatory Physiology 2008 Jun; 294(6):H2712.

Application: IF, IHC, Rat, Rat brain

- [Characterization of mitotic neurons derived from adult rat hypothalamus and brain stem.](#)

Evans J, Sumners C, Moore J, Huentelman MJ, Deng J, Gelband CH, Shaw G.

Journal of Neurophysiology 2002 Feb; 87(2):1076.

Application: IF, WB-Ti, Human, Dog, Rat, Human temporal cortex, Cat frontal cortex, Rat brain stem