

Datasheet

Neurofilament monoclonal antibody, clone 403

Storage Instruction: Store at 4°C.

Catalog Number: MAB5186

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody
raised against native Neurofilament.

Clone Name: 403

Immunogen: Native purified human Neurofilament.

Host: Mouse

Reactivity: Human

Applications: IHC-Fr, IHC-P

(See our web site product page for detailed applications
information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Specificity: The monoclonal antibody reacts specific
with the medium component of the three subunits of
neurofilaments. In immunoblots it reacts with the 160 kD
protein. Neurofilaments, the intermediate filaments of
neurons, are composed of three polypeptides with a
moleculeweight of respectively, 70, 160 and 200 kD.
The three polypeptides can be differentially expressed
during neuronal development, or in adult brain tissue.
Antibodies directed against the three different
neurofilament proteins can be an important aid in
studying neurofilament expression pattern and in testing
of tumours.

Form: Liquid

Isotype: IgG1

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections) (1:10)

The optimal working dilution should be determined by
the end user.

Storage Buffer: In tissue culture supernatant (0.1%
sodium azide)