

## Product datasheet for **AM32287SU-N**

### Neurofilament (NEFM) Mouse Monoclonal Antibody [Clone ID: 403]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	403
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on frozen and paraffin sections.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	<p>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 molecule weight 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.</p> <p><i>Antigen origin:</i> neurofilament preparation of human spinal cord. <i>Antigen location:</i> cytoplasm.</p>
Formulation:	State: Supernatant State: Liquid tissue culture supernatant Preservative: 0.09% sodium azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	neurofilament, medium polypeptide
Database Link:	<a href="#">Entrez Gene 4741 Human P07197</a>
Synonyms:	Neurofilament medium polypeptide, NF-M, NEF3, NEFM, Neurofilament 3, (Neuronal Marker)



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