

## DATASHEET

# Neurofilament Mouse Monoclonal Antibody (ARM537)

CAT. NO. ARM6827

### KEY FEATURES

Target	Neurofilament	Clone ID	ARM537
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Neurofilaments are a group of intermediate filaments found abundantly around the axons of vertebrate neurons. They are also expressed in paragangliomas, adrenal pheochromocytomas, Merkel cell tumours, carcinoid tumours, neuroendocrine carcinomas of the skin, and oat cell carcinomas of the lung. Anti-Neurofilament stains a variety of neural, neuroendocrine, and endocrine tumours, such as neuromas, ganglioneuromas, gangliogliomas, ganglioneuroblastomas, and neuroblastomas.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Brain tissues
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	NEFL / NEFM
Entrez Gene ID	4747 / 4741
Uniprot	P07196 / P07197
Alternative Names	NF-L / NF-M / NF-H

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

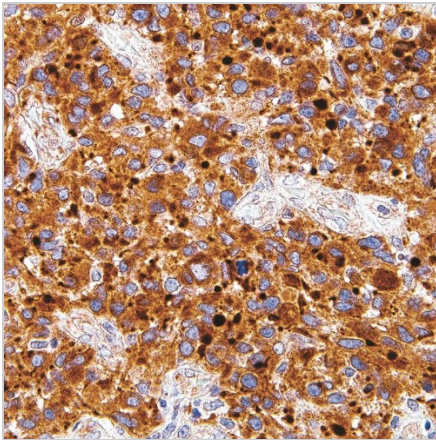
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**DATA**

Immunohistochemical staining of human glioma tissue using Neurofilament Mouse Monoclonal Antibody (ARM537).

**RESEARCH USE ONLY**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / neurofilament-mouse-monoclonal-antibody-arm537-arm6827](http://www.arexbio.com/neurofilament-mouse-monoclonal-antibody-arm537-arm6827)