

## DATASHEET

# Nerve Growth Factor Receptor (NGFR) Mouse Monoclonal Antibody (ARM894)

CAT. NO. ARM6684

### KEY FEATURES

Target	Nerve Growth Factor Receptor (NGFR)	Clone ID	ARM894
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Nerve Growth Factor Receptor (NGFR), also known as p75, P-75NTR, or CD271, is a neurotrophin receptor belonging to the tumour necrosis factor receptor family. It is expressed mainly in Schwann cells and neurons, as well as a number of other non-neuronal cell types, and is also expressed in melanocytes, melanomas, neuroblastomas, pheochromocytomas, neurofibromas, neurotized nevi (type C melanocytes), and other neural crest cell or tumour derivatives. It has been suggested that NGFR may act as a tumour suppressor indicated in prostate and urothelial cancer, and Anti-NGFR is often used in adjunct with S100, to aid in the diagnosis of desmoplastic and neurotrophic malignant melanomas. Anti-NGFR is also useful as an aid in the diagnosis of breast malignancy, as the antibody labels the myoepithelial cells of breast ducts and intralobular fibroblasts of breast ducts.

### 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, Breast 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	NGFR
Entrez Gene ID	4804
Uniprot	P08138
Alternative Names	Nerve growth factor receptor, p75NTR, CD271

\*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.

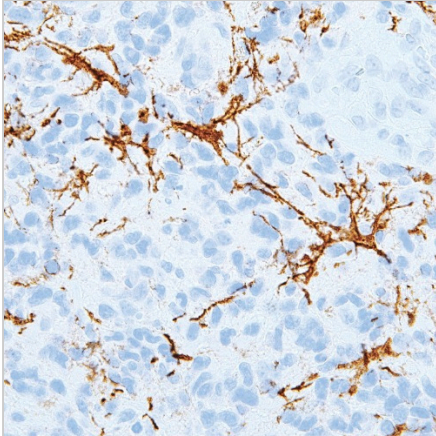
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 brain tissue using Nerve Growth Factor Receptor (NGFR) Mouse Monoclonal Antibody (ARM894).

**RESEARCH USE ONLY**

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

More information: [www.arexbio.com / nerve-growth-factor-receptor-\(ngfr\)-mouse-monoclonal-antibody-arm894-arm6684](http://www.arexbio.com/nerve-growth-factor-receptor-(ngfr)-mouse-monoclonal-antibody-arm894-arm6684)