

DATASHEET

Nestin Rabbit Monoclonal Antibody (ARM536)

CAT. NO. ARM6826

KEY FEATURES

Target	Nestin	Clone ID	ARM536
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

Nestin is a type IV intermediate filament protein that is expressed in dividing cells during early stages of Central Nervous System (CNS) and Peripheral Nervous System (PNS) development, as well as that of myogenic and other tissue types. Overexpression of nestin has been clinically linked to human gliomas, as well as tumours of the CNS, such as astrocytoma, ependymoma, oligodendroglioma, glioblastoma, and primitive neuroectodermal tumours. Nestin expression has also been indicated in prostatic adenocarcinoma, pancreatic ductal carcinoma, thyroid carcinoma, and mesenchymal tumours, such as gastrointestinal stromal tumour and dermatofibrosarcoma protuberans. Reports have suggested that nestin is significantly overexpressed in melanoma, and is linked to more advanced stages of the disease

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	IgG
Positive Control	Tonsil, Glioma
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	NES
Entrez Gene ID	10763
Uniprot	P48681
Alternative Names	Nestin

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

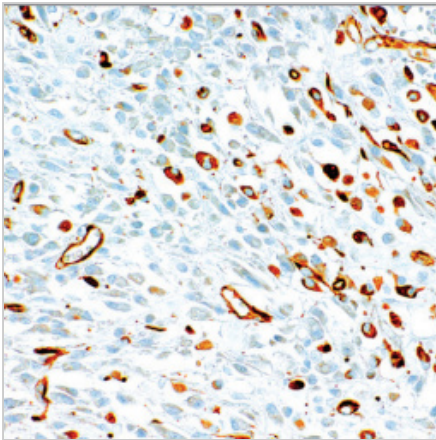
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 Nestin Rabbit Monoclonal Antibody (ARM536).

RESEARCH USE ONLY

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

More information: www.arexbio.com/nestin-mouse-monoclonal-antibody-arm536-arm6826