

ARG53358 anti-Nestin antibody [SP103]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [SP103] recognizes Nestin
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SP103
Isotype	IgG
Target Name	Nestin
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminus of human nestin.
Conjugation	Un-conjugated
Alternate Names	NES; Nestin FLJ21841; Nbla00170

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100
	WB	1:2000
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. Incubation Time: 10 min at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Kidney, HeLa Cell Lysate	

Properties

Form	Liquid
Purification	Purified by protein A/G
Buffer	PBS (pH 7.6), 1% BSA and < 0.1% Sodium azide
Preservative	< 0.1% Sodium azide
Stabilizer	1% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

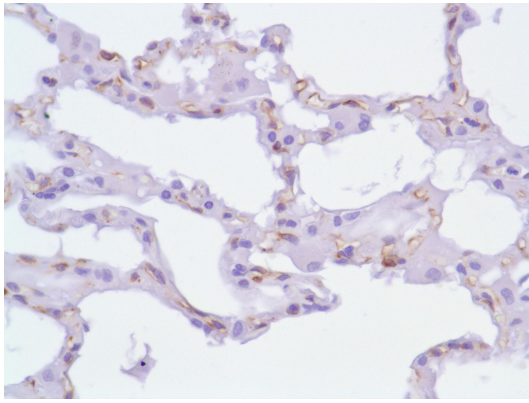
Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 10763 Human Swiss-port # P48681 Human
Gene Symbol	NES
Gene Full Name	nestin
Background	This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells.
Function	Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.
Highlight	Related Antibody Duos and Panels: ARG30083 Neuron Development Marker Antibody Duo (Nestin, Tau) Related products: Nestin antibodies ; Nestin Duos / Panels ; Anti-Rabbit IgG secondary antibodies ; Related news: 14-3-3η as a promising target for the treatment of Major Depression Disorder Neuronal Development Marker Fight microcephaly with arigo
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Controls and Markers antibody; Developmental Biology antibody; Neuroscience antibody; NSC antibody; Neural Stem Cell Marker antibody; NSC and Neuron Marker antibody; Neuron Development Study antibody
Calculated Mw	177 kDa
PTM	Acetylation, Isopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Intermediate filament

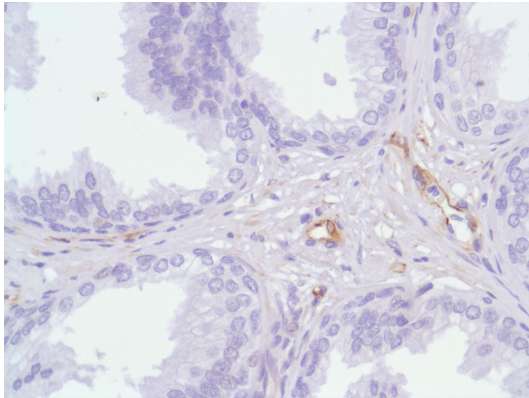
Images





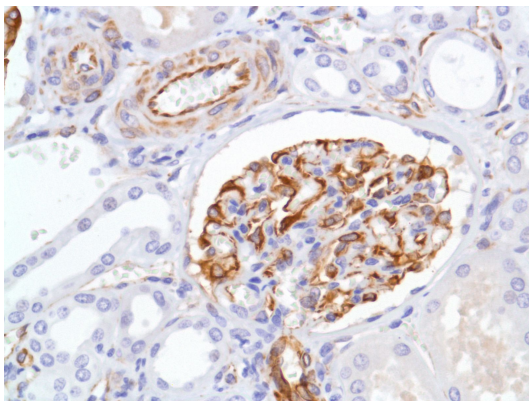
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Lung stained with Nestin antibody [SP103] (ARG53358)



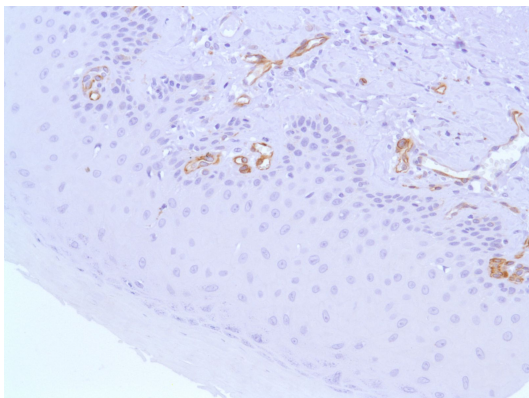
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Prostate stained with Nestin antibody [SP103] (ARG53358)



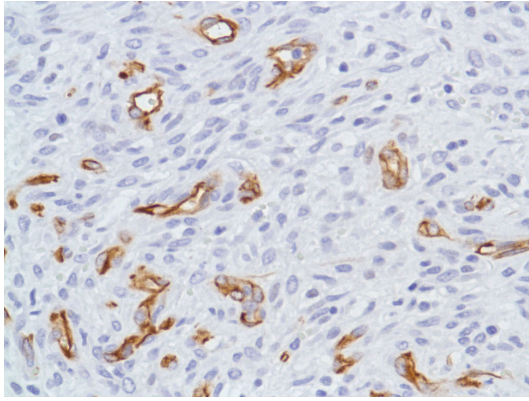
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Kidney stained with Nestin antibody [SP103] (ARG53358)



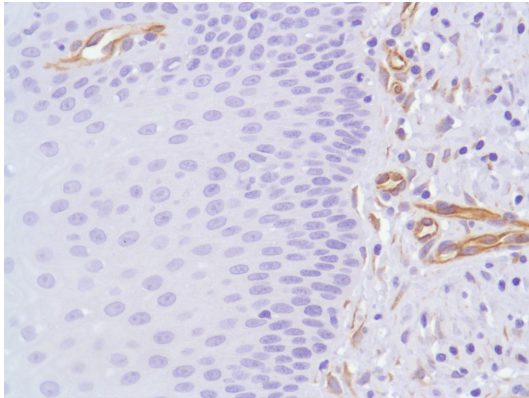
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Skin stained with Nestin antibody [SP103] (ARG53358)



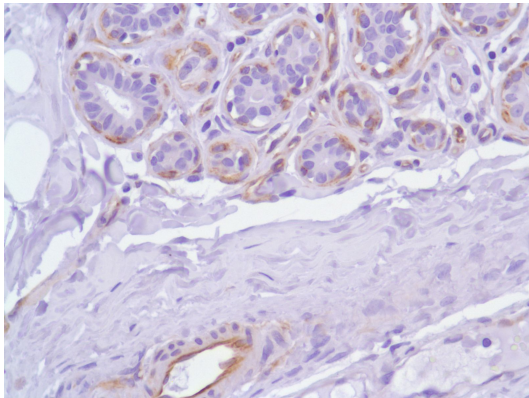
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Ovary stained with Nestin antibody [SP103] (ARG53358)



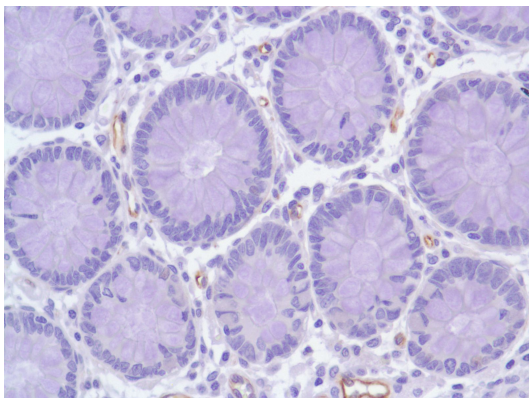
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Cervix stained with Nestin antibody [SP103] (ARG53358)



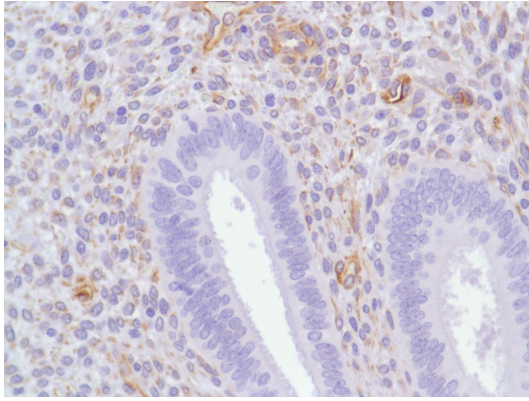
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Breast stained with Nestin antibody [SP103] (ARG53358)



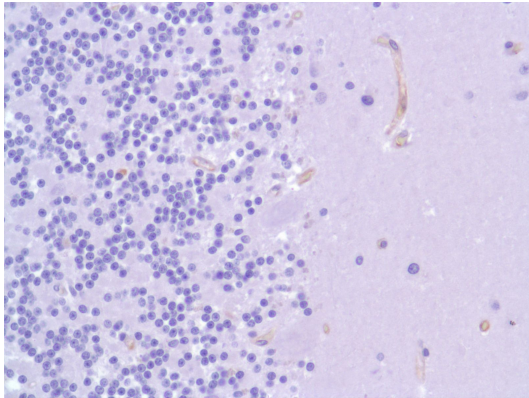
ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Colon stained with Nestin antibody [SP103] (ARG53358)



ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Endometrium stained with Nestin antibody [SP103] (ARG53358)



ARG53358 anti-Nestin antibody [SP103] IHC-P image

Immunohistochemistry: Human Cerebellum stained with Nestin antibody [SP103] (ARG53358)
