

Nestin Monoclonal Antibody

Catalog No: #42024



Package Size: #42024-1 50ul #42024-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

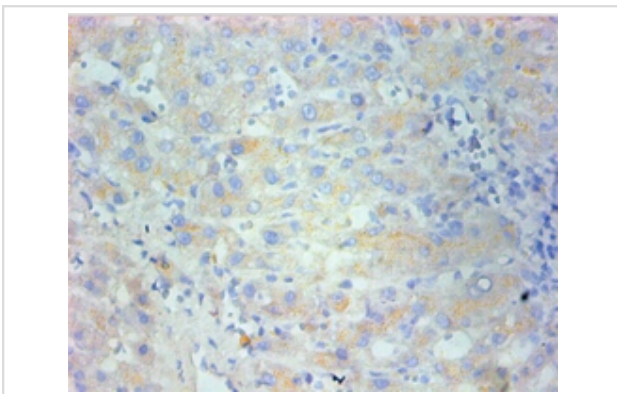
Description

Product Name	Nestin Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purified
Applications	IHC
Species Reactivity	Hu
Specificity	specific for Human Nestin denatured and native forms
Immunogen Description	Recombinant nestin Protein
Target Name	Nestin
Other Names	NES, Nbla00170, Nestin
Accession No.	Swiss-Prot#: P48681
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

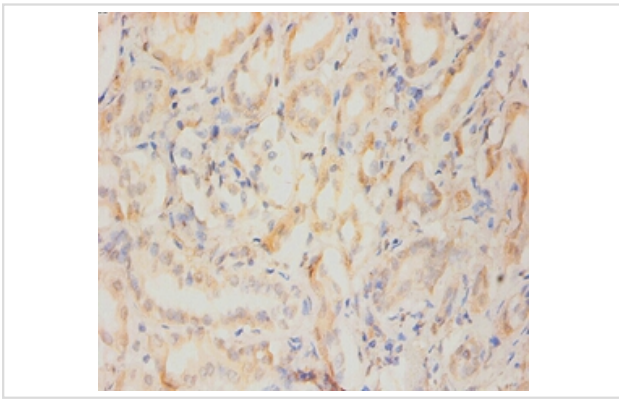
Application Details

Immunohistochemistry: 1:20 - 1:200

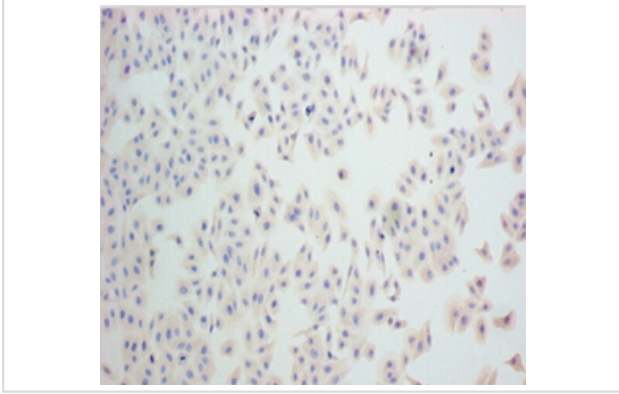
Images



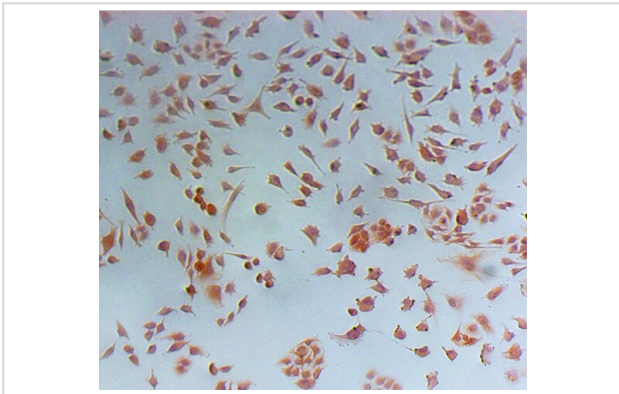
Immunohistochemical analysis of paraffin-embedded Human liver tissue using #42024 at dilution of 1:200.



Immunohistochemical analysis of paraffin-embedded Human kidney tissue using #42024 at dilution of 1:200.



Immunohistochemical analysis of HepG-2 using #42024 at dilution of 1:1000.



Immunohistochemical analysis of U251 using #42024 at dilution of 1:1000.

Background

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.

References

[1] Dahlstrand J., McKay R.D.G., Zimmerman L.B., Lendahl U. Characterization of the human nestin gene reveals a close evolutionary relationship to neurofilaments. *J. Cell Sci.* 1992. 103;589-597. [2] Gregory S.G., Barlow K.F., McLay K.E., Kaul R., Swarbrick D.,

Note: This product is for in vitro research use only and is not intended for use in humans or animals.