Leader in Biomolecular Solutions for Life Science

Nestin Rabbit mAb

Catalog No.: A27996

Recombinant

www.abclonal.com

Basic Information

Observed MW
240-280 kDa

Calculated MW
177 kDa

Category
Monoclonal Antibodies

Applications
WB, IP, IF/ICC, IF-P, IHC-P, ELISA

Cross Reactivity
Human

Clone No.
ARC75985

Background

This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells.

Recommended Dilutions

WB	1:5000 - 1:20000
IP	0.5 μg - 4 μg antibody for 400 μg - 600 μg extracts of whole cells
IF/ICC	1:200 - 1:2000
IF-P	1:200 - 1:2000
IHC-P	1:2000 - 1:8000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
10763

Swiss-Prot
P48681

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Nbla00170

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

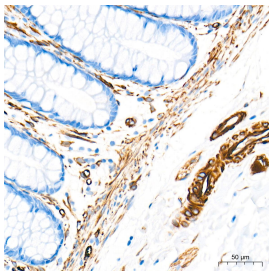
Source
Rabbit

Isotype
IgG

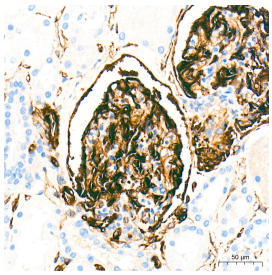
Purity
Affinity purification

Storage
Store at -20℃

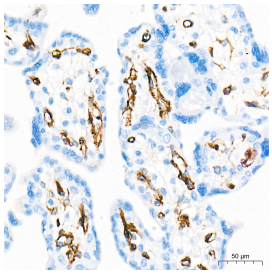
Validation Data



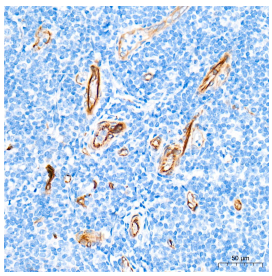
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Nestin Rabbit mAb (A27996) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



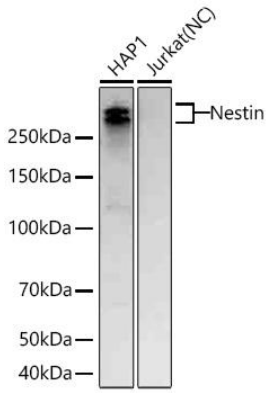
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Nestin Rabbit mAb (A27996) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



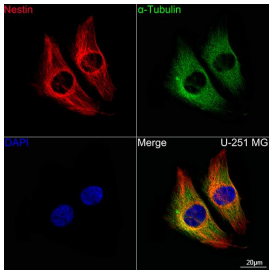
Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using Nestin Rabbit mAb (A27996) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



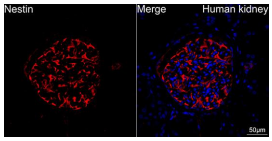
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Nestin Rabbit mAb (A27996) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



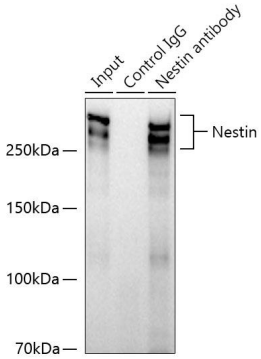
Western blot analysis of various lysates using Nestin Rabbit mAb (A27996) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): Jurkat
Exposure time: 20s.



Confocal imaging of U-251 MG cells using Nestin Rabbit mAb (A27996, dilution 1: 200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of paraffin-embedded Human kidney tissue using Nestin Rabbit mAb (A27996, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunoprecipitation of Nestin from 600 µg extracts of SH-SY5Y cells was performed using 1 µg of Nestin Rabbit mAb (A27996). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Nestin Rabbit mAb (A27996) at a dilution of 1:5000.