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## Product Datasheet

### Nestin antibody (orb345409)

**Description**

Nestin antibody

**Species/Host**

Rabbit

**Reactivity**

Human, Mouse

**Conjugation**

Unconjugated

**Tested Applications**

ELISA, IHC, WB

**Immunogen**

Anti-Nestin affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 1484-1500 of human Nestin protein.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.1 mg/mL

**Storage**

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

**Note**

For research use only

**Application notes**

This affinity purified antibody has been tested for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 200-220 kDa in size corresponding to Nestin protein by western blotting in the appropriate cell lysate or extract.

**Isotype**

IgG

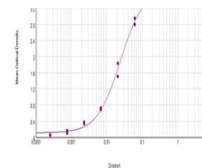
**Clonality**

Polyclonal

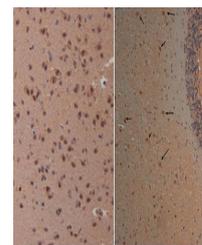
**Purity**

This affinity purified antibody is directed against human Nestin protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification. A BLAST analysis was used to suggest cross reactivity with Nestin protein from human and *Mesocricetus auratus* (100% homology). Based on protein sequence homology also expect partial reactivity against Nestin

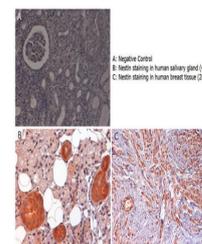
Anti-Nestin Sensitivity



ELISA results of purified Rabbit anti-Ne...



Immunohistochemistry with Anti-nestin an...



Immunohistochemistry with anti-nestin an...