

# Nestin Monoclonal antibody, PBS Only

Catalog Number: 66259-1-PBS

## Basic Information

Catalog Number:

66259-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

NM\_006617

GeneID (NCBI):

10763

UNIPROT ID:

P48681

Full Name:

nestin

Calculated MW:

177 kDa

Observed MW:

150-170 kDa

Purification Method:

Protein A purification

CloneNo.:

1D11H2

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Nestin, also named as NES and Nbla00170, is a class VI intermediate filament protein expressed in stem cells of the central nervous system (CNS) but not in mature CNS cells. Its expression is used extensively as a marker for neural lineage cells derived from human embryonic stem (hES) and induced pluripotent stem (iPS) cells. Nestin is also expressed in non-neural stem cell populations such as pancreatic islet progenitors and hematopoietic progenitors.

## Storage

Storage:

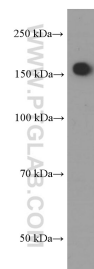
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

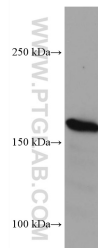
Storage Buffer:

PBS Only

## Selected Validation Data



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 66259-1-Ig (Nestin Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66259-1-PBS in a different storage buffer formulation.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66259-1-Ig (Nestin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66259-1-PBS in a different storage buffer formulation.