

Datasheet for ABIN7249948

## anti-Nestin antibody



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### 3 Images

#### Overview

Quantity:	200 µL
Target:	Nestin (NES)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nestin antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Recombinant protein corresponding to Mouse Nestin
Clone:	1A12D12
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	Nestin (NES)
Alternative Name:	NES ( <a href="#">NES Products</a> )
Background:	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

## Target Details

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.

UniProt: [P48681](#), [P21263](#), [Q6P5H2](#)

## Application Details

Application Notes: IHC 1:200-1:800

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1.45 mg/mL

Buffer: PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4

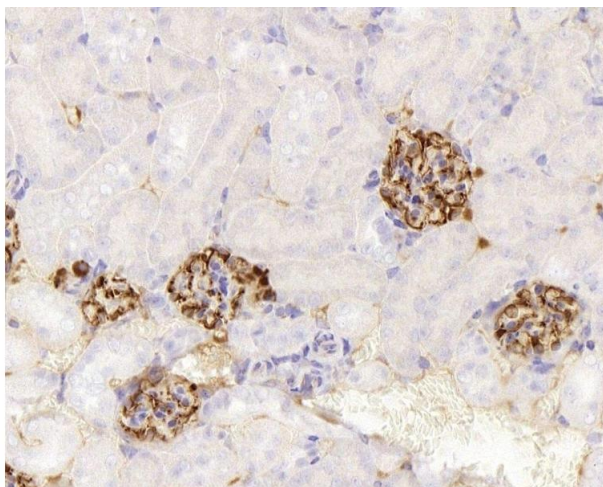
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

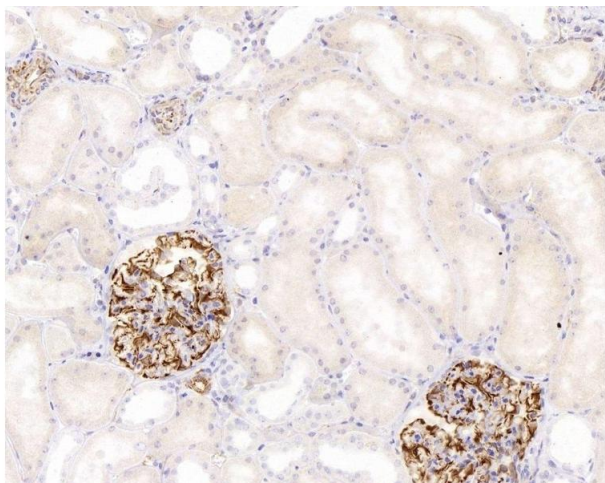
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



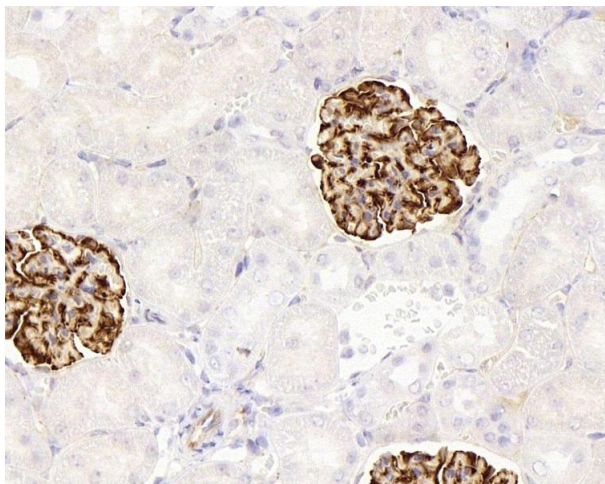
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis of paraffin-embedded mouse kidney using NES Monoclonal Antibody at dilution of 1:400.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human kidney using NES Monoclonal Antibody at dilution of 1:400.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry analysis of paraffin-embedded rat kidney using NES Monoclonal Antibody at dilution of 1:400.