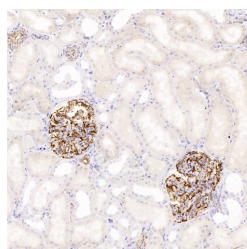


## NES Monoclonal Antibody

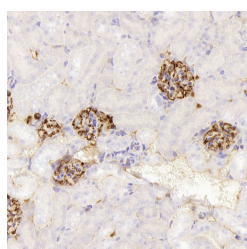
<b>Catalog No.</b>	E-AB-70343	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Mouse
<b>Applications</b>	IHC	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

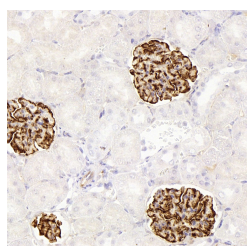
### Images



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



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



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

### Immunogen Information

<b>Immunogen</b>	Recombinant protein corresponding to Mouse Nestin
<b>Swissprot</b>	P48681,P21263,Q6P5H2
<b>Synonyms</b>	Intermediate filament protein,Nbla00170,nes,NEST,Nestin

### Product Information

<b>Buffer</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
<b>Purify</b>	Affinity purification
<b>Clone No.</b>	1A12D12
<b>Dilution</b>	IHC 1:200-1:800

### 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 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.

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