

**bs-0008R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

www.bioss.com.cn

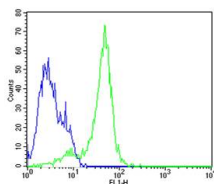
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**Nestin Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 25491 <b>Target:</b> Nestin <b>Immunogen:</b> KLH conjugated synthetic peptide derived from rat Nestin: 681-750/1893. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> Nestin is a Class VI intermediate filament expressed in the developing central nervous system (CNS) in early embryonic neuroepithelial stem cells. This protein has been widely used as a predominant marker for stem / progenitor cells, glioma cells, and tumor endothelial cells in the mammalian CNS. Furthermore, it is a superior angiogenic marker to evaluate neovascularity of endothelial cells in tumor.	<b>Isotype:</b> IgG  <b>SWISS:</b> P21263	<b>Applications:</b> Flow-Cyt (1µg/Test)  <b>Reactivity:</b> Mouse (predicted: Rat)   <b>Predicted MW.:</b> 209 kDa  <b>Subcellular Location:</b> Cytoplasm
--	---	--

**— VALIDATION IMAGES —**

Cell: Neuro-2a Concentration:1:100  
Host/Isotype:Rabbit/IgG Flow cytometric analysis of Rabbit IgG isotype control on Neuro-2a(blue) compared with primary antibody(Cat#: bs-0008R)(green) followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG(H+L) secondary antibody .

**— SELECTED CITATIONS —**

- **[IF=10.317]** Yu D et al. MOF-encapsulated nanozyme enhanced siRNA combo: Control neural stem cell differentiation and ameliorate cognitive impairments in Alzheimer's disease model. Biomaterials . 2020 Oct;255:120160. ICC ;Rat. 32540758
- **[IF=8.7]** Lixin Zhang. et al.Thermosensitive injectable in situ forming hydrogel incorporating anti-oxidative stress and anti-inflammatory nanoparticles for vital pulp therapy of pulpitis.materials today bio.2025 Jan 23;31:101482. IHC ;Rat. 39944531
- **[IF=8.3]** Hu Pengfei. et al. Reciprocal negative feedback between Prrx1 and miR-140-3p regulates rapid chondrogenesis in the regenerating antler. CELL MOL BIOL LETT. 2024 Dec;29(1):1-19 IF ;Deer. 38643083
- **[IF=7.727]** Xue Wang. et al. Engineered liposomes targeting the gut–CNS Axis for comprehensive therapy of spinal cord injury. J Control Release. 2021 Mar;331:390 IF ;Mouse. 33485884

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=6.081]** Qianyu Cheng. et al. Establishing and characterizing human stem cells from the apical papilla immortalized by hTERT gene transfer. FRONT CELL DEV BIOL. 2023; 11: 1158936 ICC ;Human. 37283947