



Datasheet for ABIN722661

anti-BrdU antibody



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Overview

Quantity:	100 µL
Target:	BrdU
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BrdU antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Western Blotting (WB)

Product Details

Immunogen:	BrdU conjugated to KLH
Clone:	A7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	BrdU
Purification:	Purified by Protein G.

Target Details

Target:	BrdU
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Target Details

Alternative Name:	BrdU (BrdU Products)
Target Type:	Chemical
Background:	Synonyms: Bromodeoxyuridine, Bromodeoxyuridine, 5-Bromo-2_-deoxyuridine, 5-BrdU, proliferation Marker. Background: Bromodeoxyuridine is a synthetic nucleoside that is an analogue of thymidine. BrdU is incorporated into DNA during S-phase of a cell cycle. It is commonly used in the detection of proliferating cells in living tissues

Application Details

Application Notes:	IHC-P 1:100-500 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

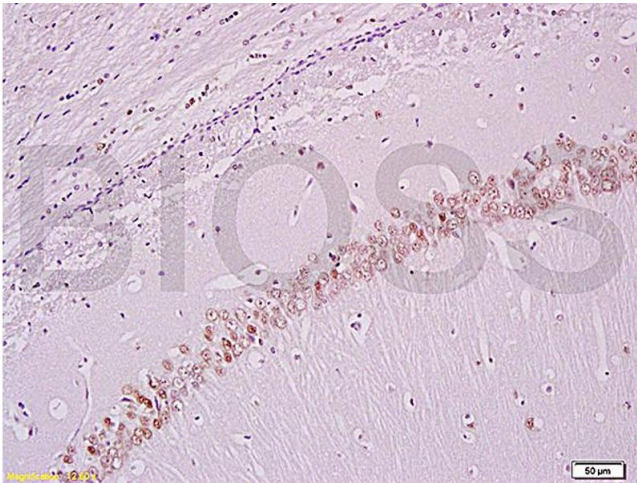
Product cited in:	Zhao, Zhou, Li, Liu, Shi, Kan, Li, Li, Han, Yu: "Acupuncture Improves Cerebral Microenvironment in Mice with Alzheimer's Disease Treated with Hippocampal Neural Stem Cells." in: Molecular neurobiology , (2016) (PubMed). Liu, Xue, Li, Zhang, Fu, Feng, Chen, Xu: "Amelioration of stroke-induced neurological deficiency by lyophilized powder of catapol and puerarin." in: International journal of biological sciences ,
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Vol. 10, Issue 4, pp. 448-56, (2014) ([PubMed](#)).

Wang, Zhang, Zhang, Yang, Li: "Sodium hyaluronate-CNTF gelatinous particles promote axonal growth, neurogenesis and functional recovery after spinal cord injury." in: **Spinal cord**, Vol. 52, Issue 7, pp. 517-23, (2014) ([PubMed](#)).

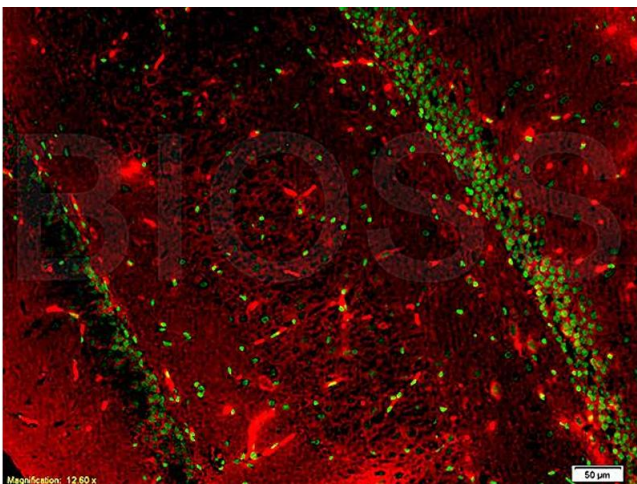
Li, Liang, Guan, Fan, Chi, Yang: "Regular treadmill running improves spatial learning and memory performance in young mice through increased hippocampal neurogenesis and decreased stress." in: **Brain research**, Vol. 1531, pp. 1-8, (2013) ([PubMed](#)).

Images



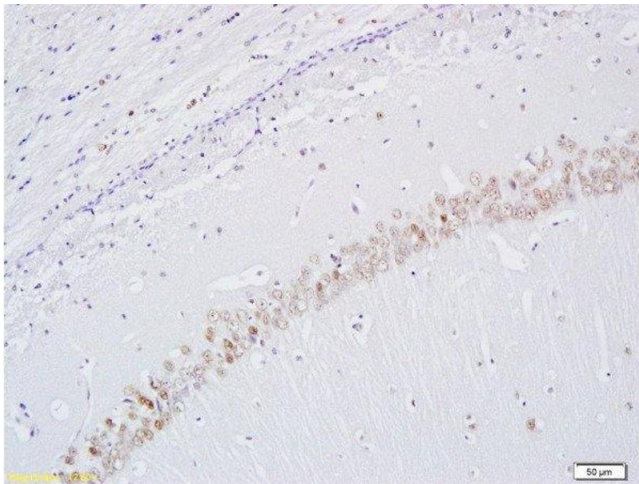
Immunohistochemistry

Image 1.



Immunofluorescence

Image 2.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-BrdU(A7) Monoclonal Antibody, FITC Conjugated (bsm-0917M-FITC) at 1:200 for 40 minutes at 37°C followed by labeling Rabbit Anti-Tubulin Beta, Cy3 conjugated-Cy3) 1:200, 40 minutes at 37°C

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN722661.