

anti- BrdU antibody

Product Information

Catalog No.:	FNab00952
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	9E8
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Bromodeoxyuridine(5-bromo-2'-deoxyuridine, BrdU, BUdR, BrdUrd) is a synthetic nucleoside that is an analog of thymidine. It can be incorporated into the newly synthesized DNA of replicating cells(during the S phase of the cell cycle), substituting for thymidine during DNA replication. As such, BrdU is used for birth dating and monitoring cell proliferation. BrdU is a toxic and mutagenic substance. It triggers cell death, the formation of teratomas, alters DNA stability, lengthens the cell cycle, and has mitogenic, transcriptional and translational effects on cells that incorporate it. This antibody does not cross react with Thymidine.

Immunogen information

Immunogen:	compound
Synonyms:	5-bromo-2-deoxyuridine, BrDu, BrdUrd, Bromodeoxyuridine, BUdR

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IF, IHC
Recommended dilution:	IHC: 1:200-1:1000; IF: 1:50-1:500

Wuhan Fine Biotech Co., Ltd.

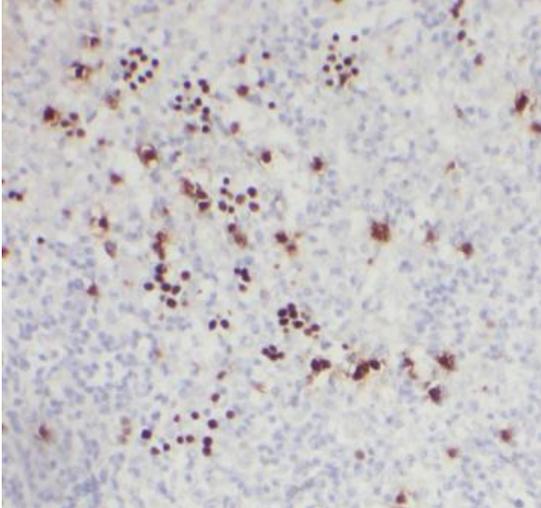
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

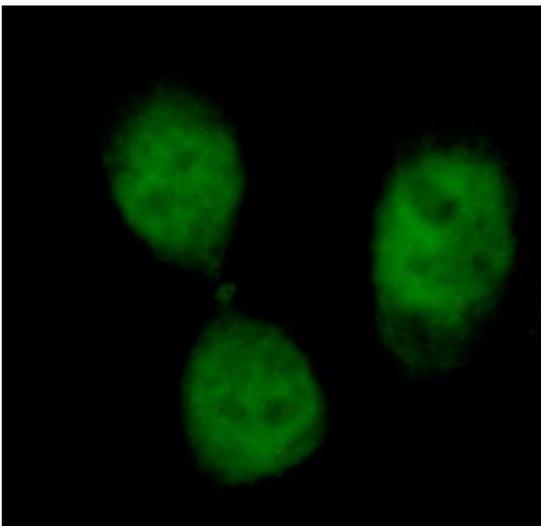
Fax: (0086)027-87800889

www.fn-test.com

Image:



Immunohistochemistry of paraffin-embedded mouse spleen tissue slide(with BrdU feeding) using FNab00952(BrdU Antibody) at dilution of 1:400. Heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunofluorescent analysis of HeLa cells (treated with 0.03 mg/ml BrdU for 2 hours) using FNab00952 (BrdU Antibody) at dilution of 1:300 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)