

Recombinant Anti-BrdU antibody (小鼠单克隆抗体)

K545153 -20°C


产品信息

蛋白质全称	溴脱氧尿嘧啶核苷
别名	Bromodeoxyuridine, Bromodeoxyuridine, 5-Bromo-2'-deoxyuridine; 5-BrdU, Proliferation Marker; 5-Bromo-2-deoxyUridine
免疫原	KLH 偶联的小鼠 BrdU 合成肽
抗体亚型	IgG1, κ
克隆号	SB153
纯化方式	亲和纯化
亚细胞定位	细胞核

应用

IHC/IF 免疫组织化学/免疫荧光

物种: Species independent

稀释比: 1: 500-1: 1000

阳性样品: 脑, 脾

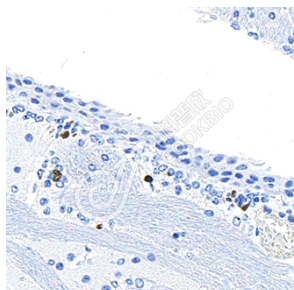
背景

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.

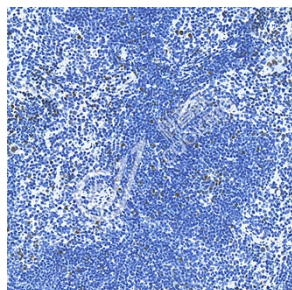
储存条件

储存条件: 自收到之日起 -20°C下储存一年, 避免反复冻融。
储存缓冲液: 含 0.15% ProClin300 防腐剂, 100 μg/mL 牛血清白蛋白和 50%甘油的磷酸盐缓冲液。

图像



IHC 检测 BrdU 蛋白(货号 K545153).
 样品: 小鼠脑, 4%多聚甲醛 (货号 KSG1101) 固定 12-24 小时.
 抗原修复: 柠檬酸抗原修复液(干粉, pH 6.0) (KSG1201), 98°C, 20 分钟.
 一抗: 1: 800 稀释, 4°C 孵育过夜.
 二抗: S-vision 免疫组化多聚二抗(山羊抗小鼠), 即用型 (货号 KB3903), 室温孵育 20 分钟.



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Ver. No.: V1-202603