

小鼠抗 IdU 单克隆抗体

中文名称:	小鼠抗 IdU 单克隆抗体
英文名称:	Anti-IdU mouse monoclonal antibody
相关类别:	一抗
储存:	冷冻 (-20℃) 避光
宿主:	Mouse
抗原:	IdU
标记物:	Unconjugate
克隆类型:	mouse monoclonal

技术规格

Background:	Iododeoxyuridine (5-Iodo-2'-deoxyuridine, IdU) is a synthetic thymidine nucleoside analog. IdU, like BrdU thymidine analog, is used to allow the detection of growing or proliferating cells in living tissues. During the S-phase of cell division, DNA replication occurs, and IdU can be incorporated into the newly synthesized DNA by substituting for naturally occurring thymidine. Antibodies specific for IdU are subsequently used to detect the incorporated IdU thymidine analog. This highlights cells that were actively replicating their DNA and is suggestive of actively growing cells. An antibody binding usually requires the DNA to be denatured, typically by exposing the cells to acid or heat.
Applications:	IHC, IF
Name of antibody:	IdU
Immunogen:	Iododeoxyuridine coupled to keyhole limpet hemocyanin.
Full name:	Iododeoxyuridine
IHC positive control:	colon tissue from BrdU injected mouse and colon tissue from IDU injected mouse and colon tissue from CLDU injected

	ed mouse
IHC Recommend dilution:	30-150
IF Positive control:	HT-29 cells pulsed with 5-iodo-2'-deoxyuridine (IdU)
IF Recommended dilution:	100-200