abcam

Product datasheet

Anti-BrdU antibody - Proliferation Marker ab1893

16 Abreviews 170 References 画像数 2

製品の概要

製品名	Anti-BrdU antibody - Proliferation Marker
製品の詳細	Sheep polyclonal to BrdU - Proliferation Marker
由来種	Sheep
アプリケーション	**適用あり:** IHC-FrFl, IHC-P, IHC-Fr, ELISA
種交差性	**交差種:** Species independent
免疫原	Chemical/ Small Molecule corresponding to BrdU. Coupled to HGG (Human Gamma Globulin).
特記事項	Unstained positive control slides from mice treated with BrdU (formalin-fixed, paraffin-embedded intestine sections) are available as BrdU control slides **ab129956**. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.60 Constituent: 0.4% PBS
精製度	Protein G purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee	**Abpromise保証は、** 次のテスト済みアプリケーションにおけるab1893の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-FrFl	★★★★☆ (1)	Use at an assay dependent concentration.
IHC-P	★★★★★ (8)	Use a concentration of 10 µg/ml.
IHC-Fr	★★★★☆ (2)	Use a concentration of 10 µg/ml.
ELISA		Use at an assay dependent concentration.

ターゲット情報

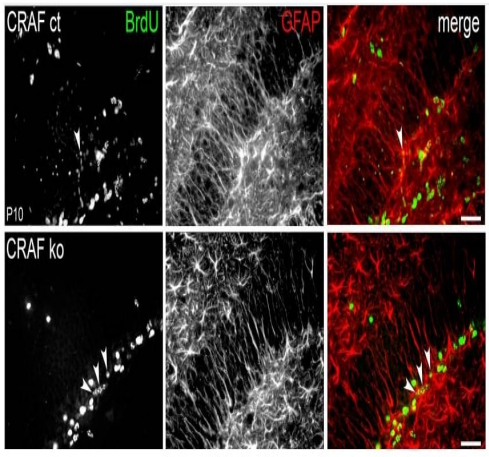
関連性

The immunocytochemical detection of bromodeoxyuridine (BrdU) incorporated into DNA is a powerful tool to study the cytokinetics of normal and neoplastic cells. In vitro or in vivo labeling of tumor cells with the thymidine analogue BrdU and the subsequent detection of incorporated BrdU with specific anti-BrdU monoclonal antibodies is an accurate and comprehensive method to quantitate the degree of DNA-synthesis. BrdU is incorporated into the newly synthezised DNA of S-phase cells may provide an estimate for the fraction of cells in S-phase. Also dynamic proliferative information such as the S-phase transit rate and the potential doubling time can be obtained, by means of bivariate BrdU/DNA flow cytometric analysis.

細胞内局在

Nuclear

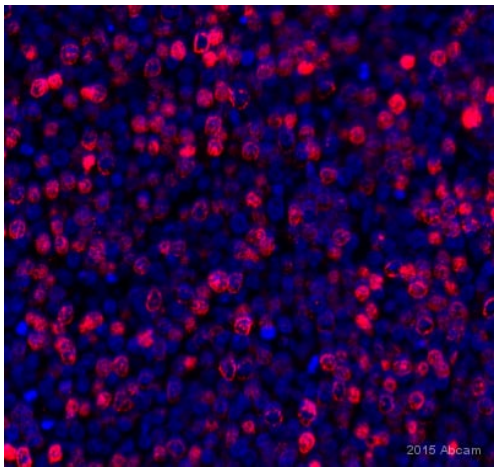
画像



Immunohistochemistry (Frozen sections) - Anti-BrdU antibody - Proliferation Marker (ab1893)

Increased numbers of BrdU-labeled NPCs (neural progenitor cells) with radial GFAP-positive processes in the DG GCL of CRAF ko at P10.

(Panel A shown) Immunohistological analysis of BrdU (green) and the astrocytic marker GFAP (red) stained sagittal brain sections of CRAF ct and CRAF ko hippocampus at P10 24h after a single BrdU application. Representative brain sections of CRAF ct (upper panel) and CRAF ko (lower panel) show BrdU-labeled cells (green) colocalizing with GFAP-positive radial processes (red) (merge, white arrowheads). Scale bar = 50µm.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BrdU antibody - Proliferation Marker (ab1893)

This image is courtesy of an anonymous Abreview

ab1893 staining BrdU in Ramos (Human Burkitt's lymphoma cell line) cell line xenograft tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections).

Tissue was fixed with formaldehyde and blocked with 15% serum for 1 hour at 20°C; antigen retrieval was by heat mediation in a sodium citrate buffer, pH 6. Samples were incubated with primary antibody (1/260 in TBS) for 18 hours at 20°C. An undiluted Alexa Fluor® 488-conjugated donkey anti-sheep IgG polyclonal was used as the secondary antibody.

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