abcam

ab8955

Anti-BrdU antibody [IIB5]

Anti-BrdU antibody [IIB5] (ab8955) is a mouse monoclonal antibody detecting BrdU in **Flow Cytometry, IHC-P, IHC-Fr, ICC/IF**.

- Over 30 publications
- Trusted since 2002

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Chemical / Small Molecule corresponding to BrdU.
Clone number	IIB5
Purification technique	Affinity purification Protein G
Specificity	This antibody also reacts with bromodeoxyuridine when incorporated into nuclear DNA. It cross reacts with iododeoxyuridine (IdU).
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Chemical
Dilution info	-
Notes	ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

IHC-P

Tested

Species	Chemical
Dilution info	1/100 - 1/200
Notes	ABC method.

ICC/IF

Tested

Species	Chemical
Dilution info	-
Notes	Using immunocytochemistry, a combination of this antibody and Mouse monoclonal to Mitotic Cells (ab8956) can distinguish and quantitate the four major fractions of the cell cycle.

IHC-Fr

Expected

Species	Chemical
Dilution info	1/100 - 1/200
Notes	ABC method.

Target data

See full target information BrdU

Storage

Shipped at conditions	Blue Ice

Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

What is this antibody validated in?
Anti-BrdU antibody [IIB5] (ab8955) is a mouse monoclonal antibody and is validated for use in Flow Cytometry (Flow Cyt), Immunohistochemistry (IHC-P), Immunohistochemistry (IHC-Fr), Immunocytochemistry/immunofluorescence (ICC/IF). **Trusted by the scientific community**
Anti-BrdU [IIB5] (ab8955) was first used in a scientific publication in 2002 and has been cited over 30 times in peer-reviewed journals.

Other related products
We have a range of other formats of antibody clone [IIB5] also available for your convenience: ab8152, ab8955

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

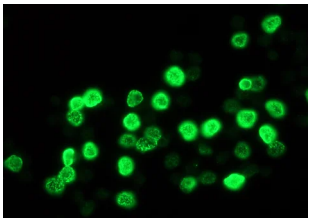
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

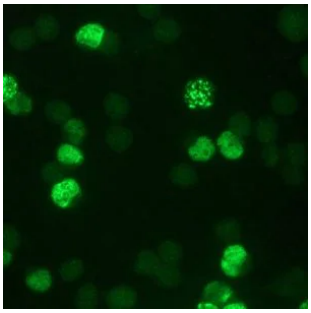
5 product images



Immunocytochemistry/ Immunofluorescence - Anti-BrdU antibody [IIB5] (ab8955)

BrdU Immunocytochemistry/ Immunofluorescence staining using mouse Anti-BrdU antibody

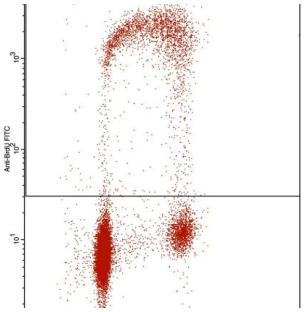
Indirect immunofluorescence staining of BrdU-labeled MR65 lung cancer cells using ab8955 (1:1000).



Immunocytochemistry/ Immunofluorescence - Anti-BrdU antibody [IIB5] (ab8955)

BrdU Immunocytochemistry/ Immunofluorescence staining using mouse Anti-BrdU antibody

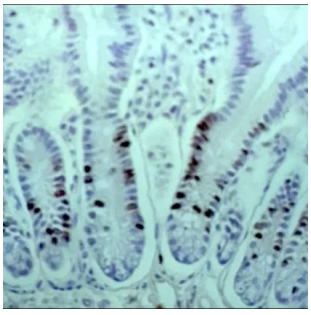
Indirect immunofluorescence staining of BrdU-labeled MR65 lung cancer cells with ab8955.



Flow Cytometry - Anti-BrdU antibody [IIB5] (ab8955)

BrdU Flow Cytometry staining using mouse Anti-BrdU antibody

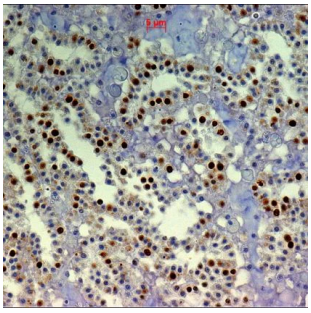
Flow cytometric BrdU-DNA cell cycle analysis in a lung cancer cell line. Dilution 1:100 of primary antibody ab8955. FITC-conjugated goat anti mouse secondary antibody was used for detection.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BrdU antibody [IIB5] (ab8955)

BrdU Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-BrdU antibody

BrdU staining in paraffin embedded rat intestine using ab8955. Primary antibody diluted 1:200. Peroxidase-conjugated goat anti mouse secondary antibody was used for detection.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BrdU antibody [IIB5] (ab8955)

BrdU staining in sponge Halisarca caerulea using ab8955. Metacrylate embedded tissue sections were incubated with 1:200 diluted primary antibody. An avidin-biotin complex kit using biotinylated rabbit anti-mouse antibody and then incubation in avidin-biotin-peroxidase complex was used for detection.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.