

## Mouse anti-BrdU, clone MoBU-1 (85-2C8) (Monoclonal)

Clone no. MoBU-1 (85-2C8)

MONOSAN

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Product name	Mouse anti-BrdU, clone MoBU-1 (85-2C8) (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IHC-P, IF
Species reactivity	human, mouse, rat, rabbit, all species
Conjugate	-
Immunogen	conjugate of bromodeoxyuridine and Helix pomatia hemocyanin (HPH)
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	MoBU-1 (85-2C8)
Size	100 µg
Concentration	100 µg/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

MoBU-1 is reactive with cells containing incorporated 5-bromodeoxyuridine (BrdU) showing a clear, nucleus confined, speckled pattern. BrdU is an analogue of thymidine and can be introduced to proliferating cells in vitro or in vivo, which in turn incorporate BrdU into the DNA during S phase, prior to cell division. Immunocytochemical staining with MoBU-1 will show the degree of proliferation, detecting nucleated cells which have incorporated BrdU in place of thymidine into their DNA.

**References**

1. Harms et al. Acta Histochemica, Suppl. Band 36, 353-359 (1988)
2. Arras et al. J Clin Invest. 101(1), 40-50 (1998)
3. -
4. -
5. -

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