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36-3795: Anti-Bromodeoxyuridine (BrdU) (Proliferation Marker) Monoclonal Antibody(Clone: rBRD469)

Clonality :	Monoclonal
Clone Name :	rBRD469
Application :	IHC
Reactivity :	All species
Alternative Name :	Bromodeoxyuridine, BUdr
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Bromodeoxyuridine (BrdU) conjÂµgated to KLH

Description

It reacts with Bromodeoxyuridine (BrdU) in single stranded DNA (produced by partial denaturation of double stranded DNA), BrdU coupled to a protein carrier, as well as free BrdU. BrdU is a thymidine analog, incorporated into cell nuclei during DNA synthesis prior to mitosis. Antibody to BrdU is helpful in detecting S-phase cells, providing useful information on the aggressiveness of tumors.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) [For staining of formalin-fixed tissues, incubate sections in 4N HCl for 30 minutes at RT followed by digestion with trypsin at 1mg/ml PBS, 10 min at 37oC

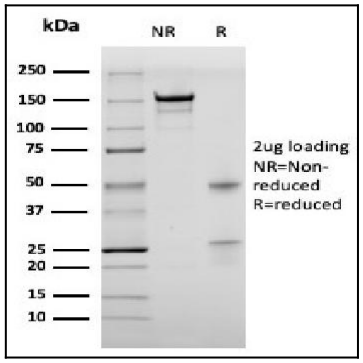


Fig. 1: SDS-PAGE Analysis of Purified BrdU Mouse Recombinant Monoclonal Antibody (rBRD469). Confirmation of Purity and Integrity of Antibody.

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