



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Mouse Anti Bromodeoxyuridine (BrdU)

Catalog No.
MD-14-0748

Isotype
IgG₁, kappa

Source
Ascites

Description

Monoclonal Antibody to Bromodeoxyuridine (BrdU)

Preparation

Host Animal: Mouse

Purification: >90% pure (SDS-PAGE). Protein A chromatography. Product is 0.2µm filtered.

Specificity

Bromodeoxyuridine (BrdU), a thymidine analogue, is incorporated into DNA during replication. Anti-BrdU reacts with cells that incorporated BrdU during proliferation activity in a variety of specimens such as tumors, blood, cell lines and tissues.

Formulation

Format: Purified, Liquid

Concentration: 1mg/ml (OD_{280nm}, E_{0.1%} = 1.4)

Affinity Constant: Not determined

Buffer: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride

Preservatives: 0.1% Sodium Azide

Storage

Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Immunohistochemistry	.			
Immunocytochemistry			.	
EIA			.	
Flow Cytometry	.			
Western Blotting			.	
IFA			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Warning

This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

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