



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Poly (ADP – Ribose)

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-02143

Isotype
IgG2a

Specificity

DS-MB-02143 recognizes poly (ADP-ribose) modified proteins. The antibody does not cross-react with RNA, DNA or monomers of ADP-ribose.

Immunogen: Purified poly (ADP-ribose) polymer, 10-50 unit chain length

Immunohistology: This product requires protein digestion pre-treatment of paraffin embedded sections e.g. trypsin or pronase prior to staining.

Formulation

Product Type: Monoclonal Antibody
Product Form: Ascitic fluid – liquid
Preservative Stabilizers: 0.09% Sodium Azide

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from dispatch

**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			.	
Western Blotting	.			1/500
Immunohistology - frozen			.	
Immunohistology – paraffin	.			
Immunohistology - resin			.	
Immunoprecipitation	.			
Flow Cytometry			.	
Immunofluorescence staining			.	
Neutralization			.	

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

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

References

1. Kawamitsu, H. *et al.* (1984) Monoclonal antibodies to poly(adenosine diphosphate ribose) recognize different structures. *Biochemistry* 23: 3771-3777.
2. Love, S. *et al.* (1999) Increased poly(ADP-ribosyl)ation of nuclear proteins in Alzheimers disease. *Brain* 122:247-253.

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