



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

#### Mouse Anti Myelin Basic Protein (MBP)

**Catalog No.**  
MD-14-0445

**Species**

**Isotype**  
IgG<sub>2a</sub>

#### ***Preparation***

**Host Animal:** Mouse. Hybridization of NSO myeloma cells with spleen cells from NIH mice.  
**Source:** Tissue culture  
**Immunogen:** Bovine Myelin Basic Protein (MBP)  
**Purification:** Not applicable.

#### ***Specificity***

Reacts with Myelin Basic Protein. The epitope retains its structure in Thermolysin digests and seems to be located in the 129-138 region of the human MBP molecule. Cross reacts with human, bovine and rat MBP. Weak cross reactivity with rabbit. Does not cross react with guinea pig.

#### ***Formulation***

**Format:** Supernatant, Liquid  
**Concentration:** Not determined.  
**Affinity Constant:** Not determined.  
**Buffer:** Supernatant containing 0.2M Tris-HCl, pH 7.4 and 5-10% FCS  
**Preservative:** 0.09% Sodium Azide

#### ***Storage***

Short term (up to 2 weeks) stores at 2-8°C. Long term stores at -20°C.  
**Avoid multiple 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**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			
Western Blotting			.	
Immunohistochemistry- Frozen	.			1:10
EIA			.	
Flow Cytometry			.	
Immunoprecipitation			.	
IFA			.	

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

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