



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet

## Mouse Anti-Human beta-2 Microglobulin

### With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-MB-00110

**Target Species**  
Human

**Isotype**  
IgG1

### Preparation

Purified IgG prepared by affinity chromatography on Protein A.

**Immunogen:** Highly pure beta 2 microglobulin from human urine.

### Specificity

This product recognises native beta 2 microglobulin which is a component of MHC class I molecules, which are present on all nucleated cells. Levels of beta 2 microglobulin can be used to assess renal function in kidney transplant recipients. Also known as B2M, it has been suggested that this protein can be used as a prognostic marker for HIV infection.

### Formulation

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.05% Sodium Azide (NaN<sub>3</sub>), 10% Glycerol

**Approx. Protein Concentrations:** IgG concentration 1.1 mg/ml

### Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry			•	
Western Blotting			•	
Elisa	•			

**Note:** Other applications are not tested yet. Optimal dilutions should be determined.

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



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### Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
	•			1:5,000-1:10,000

### Storage

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

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. 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 date of dispatch.

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