



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

### Certificate of Analysis and Data Sheet

## Rat Anti-Epstein-Barr Virus Latent Membrane Protein 2A (LMP2A)

**Catalog No.**  
MD-14-1222

**Host Animal:**  
Rat

**Isotype:**  
IgG1

**Description:** Rat anti EBV LMP2A  
Rat Antibody to Epstein-Barr Virus (EBV) Latent Membrane Protein 2A (LMP2A)

**Specificity:** Recognizes LMP2A. Does not cross react with LMP2B. LMP2A forms aggregates in the plasma membrane of B lymphocytes, where it functions as a negative regulator of the Src and Syk protein tyrosine kinases. Specifically recognizes LMP2A and does not cross react with LMP2B.

**Host Animal:** Rat. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from immunized Lou/C rats.

**Isotype:** IgG1

**Source:** Culture

**Immunogen:** Bacterial TrpE-LMP2A fusion protein

**Format:** Purified, Liquid

**Purification:** Protein G chromatography

**Concentration:** Lot specific

**Affinity Constant:** Not determined

**Buffer:** PBS, pH 7.4

**Preservative:** 0.09% Sodium azide

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



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- Applications:** Suitable for use in Western blot (1:100 – 1:1,000) and Immunohistochemistry (paraffin sections). Requires antigen retrieval using heat treatment methods prior to staining of paraffin sections. Sodium citrate buffer, pH 6.0 is recommended. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
- Storage:** Short term store at 2-8°C. Long term, aliquot and store at -20°C. Prepare working dilution only prior to immediate use. Avoid multiple freeze/thaw cycles. Should this product contain a precipitate, we recommend microcentrifugation before use.

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