



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Rat Granulocytes and Erythroid Cells

With HRP Conjugated Secondary Antibody

Catalog No.
DS-MB-01401

Target Species
Rat

Isotype
IgM

Preparation

Immunogen: PVG rat spleen cell suspension

Preparation: Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.4 and 8% fetal calf serum

Formulation

Product Type: Monoclonal Antibody

Product Form: Tissue Culture Supernatant - liquid

Preservative Stabilizers: 0.09% Sodium Azide

Specificity

DS-MB-01401 recognizes granulocytes and erythroid cells. This antibody has frequently been used to stain rat neutrophils in immunohistochemistry (3).

Applications

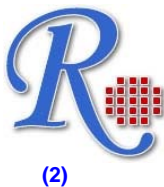
Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
IHC - Paraffin		.		
IHC - Frozen	.			1:20
Flow Cytometry	.			neat

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

(1) Use 10ul of the suggested working dilution to stain 10⁶ cells in 100ul.

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



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Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

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 date of dispatch

References

1. Kampinga, J. *et al.* (1990) Thymocyte differentiation and thymic micro-environment development in the foetal rat thymus: an immunohistological approach. In: Thymus Update 3. The role of the thymus in tolerance induction. Eds. M.D. Kendall and M.A. Ritter. Harwood Academic Publishers GmbH, Switzerland.
2. van Goor, H. *et al.* (1991) Determinants of focal and segmental glomerulosclerosis in the rat after renal ablation. *Lab. Invest.* 64: 754-765.
3. Reckless, J. *et al.* (2001) The pan-chemokine inhibitor NR58-3.14.3 abolishes tumour necrosis factor- α accumulation and leucocyte recruitment induced by lipopolysaccharide *in vivo*. *Immunology* 103: 244-254.

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