



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Human CD66b

With HRP-conjugated Secondary Antibody

Catalog No.

DS-MB-00836

Target Species

Human

Isotype

IgG1

Synonyms

CGM6

Preparation

Purification: Purified IgG prepared by affinity chromatography on Protein A

Immunogen: CML leucocytes

Fusion Partners: Spleen cells from immunized BALB/c mice were fused with cells of the mouse MOPC 315-43 myeloma cell line.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentration: IgG concentration 1.0 mg/ml

Specificity

DS-MB-00836 reacts with the CGM6 gene product of the carcinoembryonic gene family. This is a 95-100kD GPI anchored molecule. CD66b is expressed strongly by mature granulocytes and metamyelocytes, and weakly by bone marrow myelocytes. CD66b is not expressed by peripheral blood monocytes or lymphocytes.

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 shipment

**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			•	
IHC – Paraffin		•		
IHC – Frozen (2)	•			1/25 - 1/100
Flow Cytometry (1)	•			1/50 - 1/100

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

(1) Use 10ul of the suggested working dilution to label 5 x 10⁵ cells or 100ul whole blood.

(2) Histology Positive Control: Bone Marrow

Secondary Antibody Applications

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

References

1. Mannoni, P. *et al.* (1982) Monoclonal antibodies against human granulocytes and myeloid differentiation. Hum. Immunol. 5: 309-323.

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