



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse anti-Rat CD11b

Catalog No.

MD-11-0013

Species

Rat

Isotype

IgG2a

Description

Monoclonal Antibody to Rat CD11b

Specificity

Recognizes most macrophages (including resident peritoneal and activated macrophages), kupffer cells, but only about 35% of alveolar macrophages. The antibody also labels dendritic cells extensively, granulocytes and cells with the morphology of microglia in brain. The antibody precipitates three polypeptides of 150, 103 and 95 kDa. The antibody inhibits complement mediated rosettes and is probably the rat equivalent of the human receptor for IC3b called CR3.

Host Animal

Mouse. Hybridization of NOS myeloma cell line.

Source

Tissue culture supernatant

Immunogen

Rat peritoneal macrophages

Format

Purified, Liquid

Purification

Protein G chromatography

Concentration

0.5 mg/ml

Affinity Constant

Not determined

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



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Buffer

PBS

Preservative

10 mM Sodium azide

Applications

- Flow cytometry
- Immunoprecipitation
- Immunohistochemical studies of rat frozen tissue sections and paraffin embedded tissue sections following periodate-lysine-paraformaldehyde fixation.
- 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 (up to 1 month) store at 2-8 °C.
- Long term, aliquot and store at -20 °C.

References

- Robinson, A.P., et al., (1985), Immunology, 57, 239-247
- Barclay, A.N., (1981), Immunology, 42, 593-600
- Milligan, C.E., et al., (1991), J. Comparative Neurology, 314, 125-135
- Whiteland, J.L., et al., (1995), J. Histochem. Cytochem., 43, 313-320

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