



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: P54211M
Page 1 of 2

Lot #: 4I25016

Description: MAb to Rat CD11b
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.

Clone: OX-42

Host Animal: Mouse. Hybridization of NSO myeloma cell line.

Isotype: IgG_{2a}

Source: Tissue Culture Supernatant

Immunogen: Rat Peritoneal Macrophages

Format: Purified, Liquid

Purification: Protein G Chromatography

Concentration: 0.5 mg/mL

Buffer: PBS

Preservative: 0.1% 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.



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Warning:

This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References:

The references listed below are for research purposes only:

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

Signature

06 Sep 2016

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY