



Meridian

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CERTIFICATE OF ANALYSIS

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

Catalog #: P42190M **Lot #:** 1L33817

Description: MAb to CD11b
Monoclonal Antibody to CD11b, gp 95-165 kDa

Specificity: Reacts with monocytes, polynuclear and null cells. The recognized structure is the alpha chain of a heterodimer glycoprotein of MW 165 kD (alpha chain) and 95 kD (beta chain).

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: Purified human monocytes.

Format: Purified, Lyophilized
Reconstitute with 1 mL of distilled water.

Concentration: 0.2 mg/mL (prior to lyophilization).

Buffer: Lyophilized from Phosphate Buffered Saline containing 1 mg/mL BSA.

Preservative: None

Applications: Fluorescence Microscopy or Flow Cytometry: 2 µg / 5x10⁵ cells/test.
Immunohistochemistry: Working dilution: 1:25 to 1:50. Only suitable on cryostat sections or cell smears. 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: Store lyophilized product at 2–8°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. The addition of 0.1% (w/v) Sodium Azide is recommended for storage of the reconstituted form for up to one month at 2-8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The reference listed below is for research purposes only:
Keizer, G., et al., (1985), "Biochemical and functional characteristics of the human leucocyte membrane antigen family LFA-1, MO-1", Eur. J. Immunol., **15**, 1142.

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY