

**anti-mouse CD11b purified****Cat-No.: M22127            0.1mg****Clone:** M1/70.15**Specificity:**

The anti-mouse CD11b (Mac-1; Ly 40) monoclonal antibody is specific for the 170 kDa a subunit of Mac-1 which mediates adhesion to ICAM-1 (CD54) and C3bi. Mac-1 is expressed on granulocytes, macrophages, natural killer cells and B-1 cells in the peritoneal and pleural cavities. Mac-1 is up-regulated on neutrophils after activation. This particular clone blocks cell adherence and C3bi binding but does not block cell mediated lysis (1,2,3,4,5,6).

**Isotype subclass:**

Rat IgG2b

**Form:**

Purified

**Physical state:**

Liquid

**Buffer/Additives/Preservative:**

PBS containing 0.09 % sodium azide (pH 7.4)

**Expiration date:**

The reagent is stable until the expiry date stated on the vial label.

**Storage conditions:**

Store at 4 °C. For long term storage, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**Application:**

Applications include flow cytometry, in vitro and in vivo blocking, immunohistochemistry for both paraffin embedded and acetone-fixed frozen sections (1-20 µg/ml), immunoprecipitation and Western blotting.

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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