



**Category:** Monoclonal Antibodies      **Cat. #** V6072      **Product Name:** CD50(CAM-3) - Purified

**Description:**

Monoclonal Mouse Anti-Human CD 50 (CAM-3) which is a cellular adhesion molecule and a single chain polypeptide with molecular weight of 120 kD.

**Immunogen:**

Leucocytes

**Application:**

Immunofluorescence 10-20 ug/mL, Flow cytometry 1ug / 10<sup>6</sup> cells,  
Immunohistochemistry 10-20 ug/mL on acetone-fixed frozen sections. The optimal dilution factors should be determined by the individual laboratory. This product was not quality controlled in flow cytometry.

**Species Reactivity:**

Human. Others not tested.

**Recommended Positive Control:**

Haemopoietic cells

**Presentation:**

50 mM Sodium Borate, 150 mM Sodium Chloride, 20% Glycerol and 0.05% Sodium azide, pH 8.0.

**Aliquoting Instructions:**

Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.

**Staining Procedure:**

This antibody can be used on IHC (Frozen) and FLOW. On formalin-fixed, paraffin embedded tissues, some positive staining is observed when treated with high temperature antigenic unmasking techniques. The optimum dilution factors should be determined by the individual laboratory.

**Specificity:**

This antibody can be used to stain a variety of haemopoietic cells, including monocytes, neutrophils, lymphocytes, and mainly leucocytes

**Storage:**

Store at 2~8°C for short term, freeze under -20°C for long term storage.

**Size:** 0.2 mg

**Clone:** B472 (101-1D2)

**Isotype:** IgG1

**Host:** Mouse

**Form:** Purified

**Concentration:** .5 mg/ml

**Units On Hand:** YES

**References:**

1. Oren, R et al, Mol Cell Biol, 10: 4007, 1990.
2. Levy, S et al, J. Biol. Chem., 266: 14597, 1991.
3. Bradbury LE, Kansas GS, Levy S et al, J. Immunol., 149: 2841, 1992.
4. Schick MR and Levy S, J Immunol., 151: 4090, 1993.

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**Contact:** Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: [Info@antageneinc.com](mailto:Info@antageneinc.com)