



**Category:**  
Monoclonal Antibodies

**Cat. #**  
V6038-2

**Product Name:**  
CD46, Membrane Cofactor Protein – clone B432, Purified

**Description:**

Monoclonal Mouse Anti-Human CD 46, Membrane Cofactor Protein (MCP)

**Immunogen:**

Human PBL and an EBV-transformed human lymphoblastoid line.

**Application:**

Immunofluorescence 5-20 ug/mL. Flow cytometry 1-5 ug/10<sup>6</sup> cells. Immunoblotting 1-5 ug/mL. Immunohistochemistry 5-20 ug/mL on frozen sections using avidin-biotin system. 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:**

Tonsil and Lymph Node

**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. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

**Staining Procedure:**

This antibody can be used on frozen cryostat sections. The antibody may be used at a dilution of 5-20 ug/mL.

**Specificity:**

This antibody reacts with CD46, multiple common protein isoforms of 56 kD, 66 kD and 74 kD, on placental cells and some transformed cells.

**Storage:**

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

**Size:** 0.2 mg

**Clone:** B432

**Isotype:** IgG2a-k

**Host:** Mouse

**Form:** Purified

**Concentration:** 0.5 mg/ml

**Units On Hand:** YES

**References:**

1. Sparrow R.L., et al, Human Immunol. 7:1-15, 1983.
2. PURCELL, et al, Immunol. Cell Biol. 67: 279-289, 1989.
3. Cho, et al, Clin exp. Immunol. 83:257-261, 1991.

**For Research Use Only**

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