



Category: Monoclonal Antibodies	Cat. # V6075	Product Name: CD46, Membrane Cofactor Protein – 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/10⁶ 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.

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. All nucleated human cells are positive with this antibody. This antibody does not react with erythrocytes

Storage:

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

Size: 0.2 mg

Clone: B475 (197-2B1)

Isotype: IgG2a

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