



<b>Category:</b> Monoclonal Antibodies	<b>Cat. #</b> V1085-2	<b>Product Name</b> Blood Group Antigen A
---	--------------------------	--

**Description:**

This antibody reacts with blood group Substance A, on the cell membranes of epithelium, endothelium, and red blood cells.

**Immunogen:**

Pure Endocervical Ovarian Cyst Mucin

**Cellular Localization:**

Cell Membrane

**Application:**

Immunohistochemistry (Paraffin/Frozen) 1:50-1:100, ELISA 1:500-1:2000

**Species Reactivity:**

Human. Others not tested.

**Presentation:**

20 mM Tris-Borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing Fetal Bovine Serum, BMC-6 Carrier Polysaccharides, Carrier Protein, and 0.05% Sodium Azide, pH 7.5.

**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, 0.05% Sodium Azide, is a good diluent to use with most antibodies.

**Staining Procedure:**

Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50 to 1:100. The optimal conditions should be determined by the individual laboratory.

**Storage:**

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

**Size:** 0.2mg

**Clone:** B480 (3-3A)

**Isotype:** IgG1

**Host:** Mouse

**Form:** Purified

**Concentration:** Approx. 0.5 mg/ml

**Units On Hand:** YES

**References:**

1. Chapman et al., J Histochem Cytochem, 31: 557, 1983.
2. Biochem. J. 254:185-193, 1988.
3. Glycoconjugate 3:187, 202 ().

**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)**