



Category: Monoclonal Antibodies **Cat. #** V7041 **Product Name:** HLA Class I Antigen (MHC I) - Clone B425 (246-B8.E7)

Description:
Monoclonal Mouse Anti-HLA Antigen - Class I (MHC I)

Immunogen:
Human PBL (T-ALL patient).

Application:
Immunohistochemistry 1:50-1:100.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Human Tonsil, Lymph Node and Lymphocytes.

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, 0.02% sodium azide, is a good diluent to use with most antibodies.

Staining Procedure:
This antibody can be used on frozen tissue sections. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with monomorphic determinant of MHC class I antigens, found on over 80% of human PBL (T&B), thymocytes, tonsil cells, splenocytes, bone marrow cells, granulocytes, platelets, and null cells.

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

Size: 0.2mg
Clone: B425 (246-B8.E7)
Isotype: IgG2a
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Sparrow, R.L., "Human cell surface antigens defined by monoclonal antibodies" PhD thesis. University of Melbourne, 1983.

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