



Category:
Monoclonal Antibodies

Cat. #
V7045

Product Name:
HLA-DR - Class II (MHC II) - Clone B319 (LN3)

Description:
Monoclonal Mouse Anti-HLA-DR -- Class II (MHC)

Immunogen:
Nuclei from pokeweed mitogen-stimulated PBL.

Application:
Immunohistochemistry 1:50-1:100, Flow.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Human Tonsil

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. 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 formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50-1:60. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with B cells of germinal center and mantle zone. It reacts with interdigitating histocytes in T cell zones and with sinus histocytes and endothelial cells. This antibody is useful in the differentiation of lymphomas and leukemias.

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

Notes:
Antigen demasking: Boil tissue in 10mM citrate buffer for 10-20 mins followed by cooling to RT for 10-20 mins. OR Use pressure cooker for 5 mins in the citrate buffer. These steps are applied before applying primary antibody.

Size: 0.2mg
Clone: B319 (LN3)
Isotype: IgG2b
Host: Mouse
Form: Purified
Mol. Wt. of Antigen: 36 kD(alpha chain) and 27 kD(beta chain)
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Andrade, R.E., et.al., Human Pathology 19:932-941, 1988.
2. Azumi, N., et.al.. Human Pathology 19: 1376-1382, 1988.

For Research Use Only

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