

CDw75 Ab-1

Catalog # MS-130-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # MS-130-R7 (7.0ml)

Catalog # MS-130-PCS

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** CDw75 is a neuraminidase-sensitive sialoprotein, present on cell membrane and cytoplasm of germinal center B-cells and derived lymphomas. LN1 reacts with RBC precursors of bone marrow, ductal and ciliated epithelial cells of kidney, breast, prostate, pancreas, lung, and with glioblastomas, astrocytomas, and Reed Sternberg cells in lymphocyte predominant Hodgkin's disease. LN1 is shown to be a reliable antibody for ascribing a B-cell phenotype in known lymphoid tissues.
- **Expected Staining Pattern:** Cell membrane
- **Positive Control:** Lymph node or tonsil.

MATERIALS PROVIDED:

CDw75 Ab-1 (refer to catalog number):

- #MS-130-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
- or
- #MS-130-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
- or
- #MS-130-PCS: 5 positive control slides.
- **Antibody Concentration:** 200ug/ml
- **Host:** Mouse
- **Mol. Wt. of Antigen:** 53 and 87kDa
- **Epitope:** Not determined
- **Species Reactivity:** Human. Does not react with rat. Others-not known.
- **Clone Designation:** LN1
- **Ig Isotype / Light Chain:** IgM / kappa
- **Immunogen:** Nuclei from pokeweed mitogen-stimulated peripheral blood lymphocytes.
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:25 – 1:50 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min.
Primary Antibody Incubation Time	20 - 30 minutes at Room Temperature
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

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REFERENCES:

- 1) Mason DY; et al. American Journal of Surgical Pathology, 1994, 18:526-30.
- 2) Akasu R; et al. American Journal of Dermatopathology, 1993, 15(3):217-23.