



CD30

Catalog # 10153.05 or .10 (0.5 ml or 1.0 ml concentrated)

Catalog # 10153.50 (5 ml ready to use)

INTENDED USE

- **In Vitro:** This product is intended for qualitative immunohistochemistry with normal and neoplastic, formalin-fixed, paraffin embedded tissue sections, to be viewed by light microscopy. This antibody was tested both with manual application and the most popular automated immunostainers.
- **Description:** This antibody recognizes a single chain glycoprotein of 105/120kDa, identified as CD30/Ki-1. In Hodgkin's disease, it is expressed by mononuclear-Hodgkin and multinucleated Reed-Sternberg cells. It is also expressed by the majority of anaplastic large cell lymphomas as well as by some activated T and B cells. This antibody distinguishes large cell lymphomas derived from activated lymphoid cells from histiocytic malignancies and lymphomas derived from resting and precursor lymphoid cells or from anaplastic carcinomas. About one third of the Ki-1 positive lymphomas lack the leukocyte common antigen (CD45).
- **Expected Staining Pattern:** Cell membrane, cytoplasmic
- **Positive Control:** Hodgkin lymphoma

MATERIALS PROVIDED

- **CD30 specific mouse monoclonal antibody:** #10153, tissue culture supernatant, concentrated, with 0.09% sodium azide.
- **Host:** Mouse
- **Epitope:** Not determined.
- **Species Reactivity:** Human
- **Clone:** Ber-H2
- **Ig Isotype / Light Chain:** IgG1 / Kappa
- **Immunogen:** Cell line L428
- **Sterility:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED

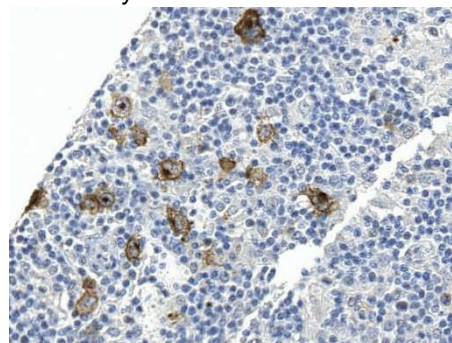
- Detection system
- Chromogen/substrate system

METHODS AND PROCEDURES

- **Tissue Section Pretreatment:** Staining of formalin-fixed tissue sections requires treating in boiling 10mM citrate buffer, pH 6.0 for 10-20 minutes.
- **Recommended Pretreatment:** HISTOLS®-Citrate Buffer (cat#30010) HISTOLS®-Peroxidase Blocking Solution (cat# 30013) HISTOLS®-BBPS (Background Blocking Protein Solution) (cat# 30012)
- **Dilution of Concentrated Antibody:** 1:50 in antibody diluent (for informational purposes only), exact dilution must be determined by user.
- **Primary Antibody Incubation Time:** 60 minutes at RT.
- **Recommended Detection System:** HISTOLS®-MR (anti- mouse & rabbit Ig) (cat# 30011)
- **Recommended Chromogen / Substrate System:** HISTOLS®-Resistant AEC (cat#30015.K)
- **Visualization:** To detect antibody binding sites, follow the instructions provided with the chromogen/substrate system.

STORAGE AND STABILITY

This product contains sodium azide and is stable 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.



For Research Use Only

