

Mouse Monoclonal anti-CD30, Clone Ber-H2

60-0007; 60-0007-7
61-0007; 61-0007-2; 61-0007-5
Isotype

Concentration

6 mL; 7 mL predilute Antibody, Ready-To-Use
1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
IgG1
See container label

Intended Use

For In Vitro Diagnostic Use.
This product is used to qualitatively detect CD30 in normal and neoplastic formalin fixed paraffin embedded tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

This antibody labels anaplastic large cell lymphoma (ALCL) and Reed-Sternberg cells. It is a useful tool for the identification of ALCL and as a secondary marker for Hodgkin's disease. CD30 antigen is also expressed in other abnormal tissues such as embryonal carcinomas and mesenchymal tumors.

Reagent provided

This antibody is purified immunoglobulin diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN_3) as antimicrobial agent.

Precautions

For professional users.
Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.
Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however the build-ups of NaN_3 may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

Usage

Dilution

60-0007; 60-0007-7: Ready-To-Use
61-0007; 61-0007-2; 61-0007-5: Dilute 1:50 to 1:100 before use. Dilution guideline when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

Positive control tissue

Hodgkin Disease

Epitope retrieval

HIER, Citrate pH 6

Staining pattern

Membrane and Cytoplasm

Storage

Store at 2-8°C.

References

1. Swarting R, et al. Blood. 1989 Oct;74(5):1678-89
2. de Bruin PC, et al. Leukemia. 1995 Oct;9(10):1620-7
3. Stein H, et al. Blood. 2000 Dec 1;96(12):3681-95

GENTAUR