

Mouse Anti-CD30 (Ki-1 Antigen) [Ber-H2]: MC0314, MC0314RTU7

Intended Use: For Research Use Only

Description: CD30, TNF-receptor superfamily member, is a receptor for TNFSF8/CD30L. TRAF2 and TRAF5 can interact with this receptor and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and it also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. The CD30 antibody labels activated B and T cells. It has been useful in identifying Hodgkin's lymphoma, anaplastic large cell lymphomas (ALCL) and primary cutaneous CD30+ T-cell lymphoproliferative disorders. In non-lymphoid malignancies, CD30 reactivity has been reported in embryonal carcinomas (ECs), seminomas, and hepatocellular carcinomas.

Specifications

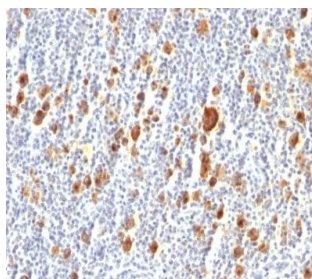
Clone: Ber-H2
Source: Mouse
Isotype: IgG1k
Reactivity: Human
Immunogen: Co cell line established from a patient with Hodgkin's disease of T-cell lineage
Localization: Cytoplasm, membrane
Formulation: Tissue culture supernatant in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN3)
Storage: Store at 2°- 8°C
Applications: IHC
Package:

Description	Catalog No.	Size
CD30 (Ki-1 Antigen) Concentrated	MC0314	1 ml
CD30 (Ki-1 Antigen) Prediluted	MC0314RTU7	7 ml

IHC Procedure*

Positive Control Tissue: Tonsil, Hodgkin's lymphoma
Concentrated Dilution: 25-200
Pretreatment: Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human Hodgkin's Lymphoma stained with anti-CD30 using DAB

References:

1. Epstein-Barr virus positive diffuse large B-cell lymphoma predict poor outcome, regardless of the age. Lu TX, et al. Sci Rep 5:12168, 2015.
2. Detection of genetic alterations by immunoFISH analysis of whole cells extracted from routine biopsy material. Mattsson G, et al. J Mol Diagn 9:479-89, 2007.
3. PRDM1/BLIMP-1 expression in multiple B and T-cell lymphoma. Garcia JF, et al. Haematologica 91:467-74, 2006.